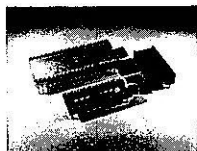
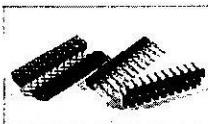


Quick Find!

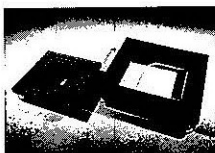
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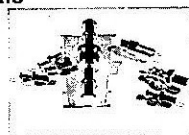
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ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

General Data

SPECIFICATIONS

Terminal Material: Brass Alloy 360 1/2 hard per QQ-B-626.

Phosphor Bronze Alloy 544 per QQ-B-750.

Contact Material: Beryllium Copper Alloy 172, HT per QQ-C-533. Phosphor Bronze Alloy 544 per QQ-B-750, Comp. B. Beryllium Nickel Alloy 440, HT.

Terminal Plating: Gold per MIL-G-45204, Type I, Grade C. Tin/Lead per MIL-T-81728, Type 1, Grade C.

Contact Plating: Gold per MIL-G-45204, Type 1, Grade C. Tin/Lead per MIL-T-81728, Type 1, Grade C.

Insulator Material: Glass Epoxy Laminate, FR-4, Rated to UL 94V-0. Glass-filled Polyester (Valox 420-SE0) Rated to UL 94V-0.



Note: All dimensions are in inches

Technical Specifications

GENERAL SPECIFICATIONS

When applicable, Elpakco products and procedures are designed to meet the following general specifications:

MIL-STD-105	Sampling procedures
MIL-STD-109	Quality assurance terms and conditions
MIL-STD-202E	Test measures for electronic and electrical component parts
MIL-STD-1130B	Connections, electrical, solderless, wrapped
MIL-STD-1344A	Test methods for electrical connectors
MIL-STD-45662	Calibration system requirements
MIL-C-39029	General specifications for contacts, electrical connector
MIL-I-45208	Inspection equipment, acquisition, maintenance and disposition of
MIL-S-83505	General Specification for sockets (lead, electronic components)
MIL-S-83734	Sockets, plug in electronic components, DIP, SIP, general specification for
ASTM-B487-79	Measuring metal coating by examination of a cross section
ASTM-A754-79	Standard test methods for coating thickness by X-ray fluorescence
MIL-M-24519	Molding plastics, electrical, thermoplastic
MIL-P-13949	Plastic sheet, laminated, metal clad, general specification for

MECHANICAL SPECIFICATIONS (Screw-Machine Sockets)

Contact Resistance	<10 milliohms per contact
Contact Capacitance	0.3 pF
Contact Current Rating (for 10° temperature rise)	3 A except for #6(10) which is 2 A
Insulation Resistance (@ 500V DC)	10000 megaohms (min.)
Contact Operating Temperature Range	-55°C to +150°C (BeCu) -55°C to +225°C (BeNi)
Dielectric Withstanding Voltage	1000 V AC
Rated Voltage	100 V AC
Durability	1000 Cycles (min.) @ 10 milliohms maximum change
Inner Contact Retention in Terminal	7.5 lbs. (min.)
Terminal Retention Force in Insulator (PGA/DIP)	10 lbs. (min.)
Thermal Shock	<2 milliohms change in contact resistance after 4 cycles
Vibration	No electrical discontinuities or mechanical damage
Solderability	Conforms to MIL-STD-202, Method 208
Shock	no discontinuities or mechanical damage (10 cycles of 2000G's)
Temperature/Humidity Cycling	<2 milliohms increase in contact resistance after 21 days, 40 °C, 93% RH
Salt Spray	<2 milliohms increase in contact resistance after 48 hours, 35°C, 5% NaCl



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series 10

DESCRIPTION

The Open Frame design allows for maximum cooling and inspection. All insulators are end-to-end and side-to-side stackable. Series 10 is available in sizes 6 to 64. The precision screw-machine outer shell and the four-finger BeCu inner contact allow for easy IC insertion.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Thickness: .100" to .112"

Flammability Rating: UL 94V-O

Operating Temperature: -55°C to +125°C

Shell Material: Brass

Contact Material: BeCu

Shell Plating: Tin over Nickel and Gold over Nickel

Contact Plating: Tin over Nickel and Gold over Nickel

Lead Size Range: .015" to .022"

DIMENSIONS

No. of Pins	'A'	'B'	'C'
6	.300		
8	.400		
10	.500		
14	.700		
16	.800	.300	.400
18	.900		
20	1.00		
22	1.10		
24	1.20		
28	1.40		
22	1.10	.400	.500
24	1.20		
24	1.20		
28	1.40		
32	1.60		
36	1.80	.600	.700
40	2.00		
48	2.40		
50	2.50		
52	2.60	.900	1.00
64	3.20		

Note: All dimensions are in inches

Open Frame DIP Sockets

10 - 3 - 18 - 04 - T - G

Series

10 - Open Frame DIP

10E - Slim Line .050" Thick

DIP Spacing

3 - .300"

4 - .400"

6 - .600"

9 - .900"

Total Number of Pins

6 - 64

Terminal Style

(Choose from selections below)

Contact Plating

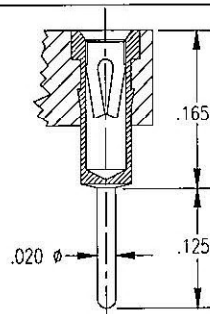
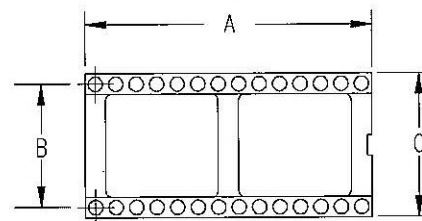
G - 10μ" Gold

T - 150μ" Tin

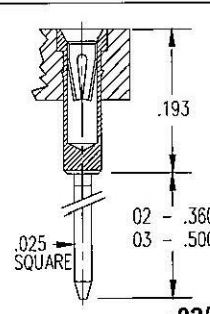
Shell Plating

G - 10μ" Gold

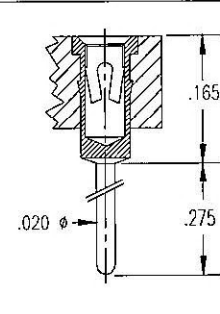
T - 150μ" Tin



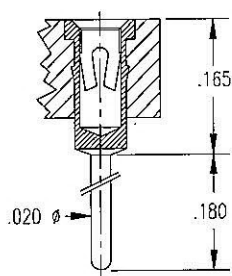
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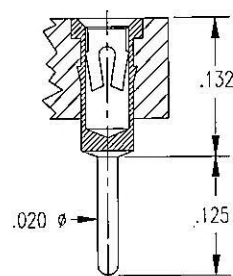
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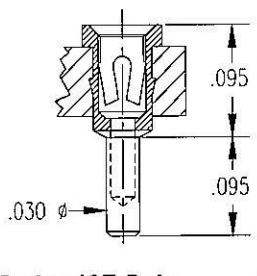
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-08

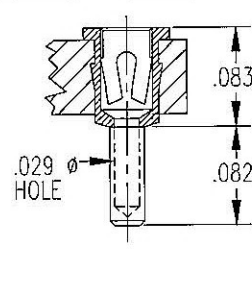


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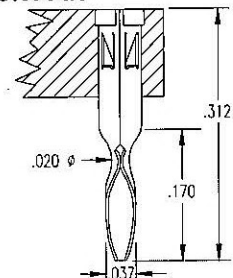
Series 10E Only

-451

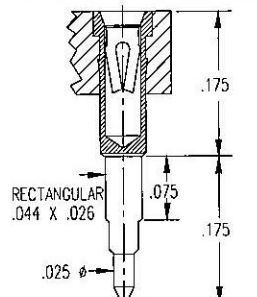


Series 10E Only

PONYPIN



-83 Press-fit in .030 ±.003



-99 Press-fit in .038 ±.002 -477



ELPAKCO, INC.

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Series 10C

DESCRIPTION

The Open Frame design allows for maximum cooling and inspection. All insulators are end-to-end and side-to-side stackable. Series 10C is available in sizes 6 to 64. The precision screw-machine outer shell and the four-finger BeCu inner contact allow for easy IC insertion. The capacitors are axial leads which eliminate the noise factor. The capacitors are soldered to the P and G pins.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester.

Thickness: .100" to .112"

Flammability Rating: UL 94V-O

Operating Temperature: -76°F to +284°F

Shell Material: Brass

Contact Material: BeCu

Shell Plating: Tin over Nickel and Gold over Nickel

Contact Plating: Tin over Nickel and Gold over Nickel

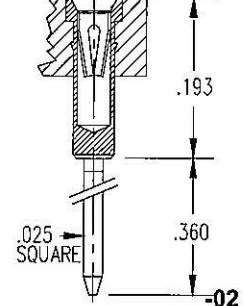
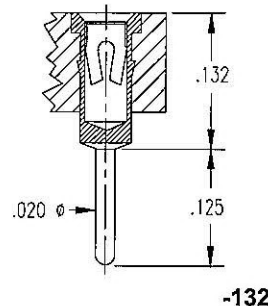
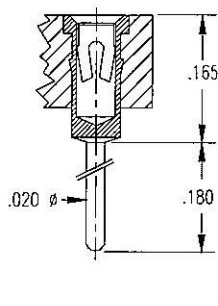
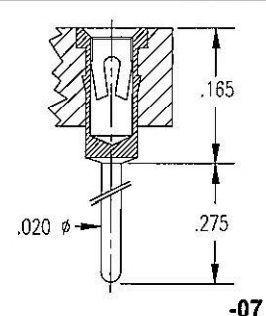
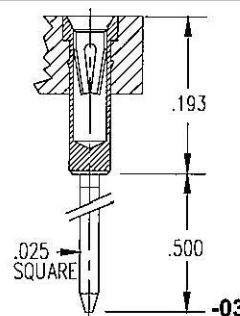
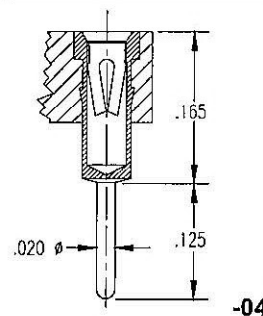
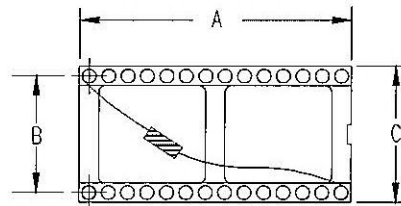
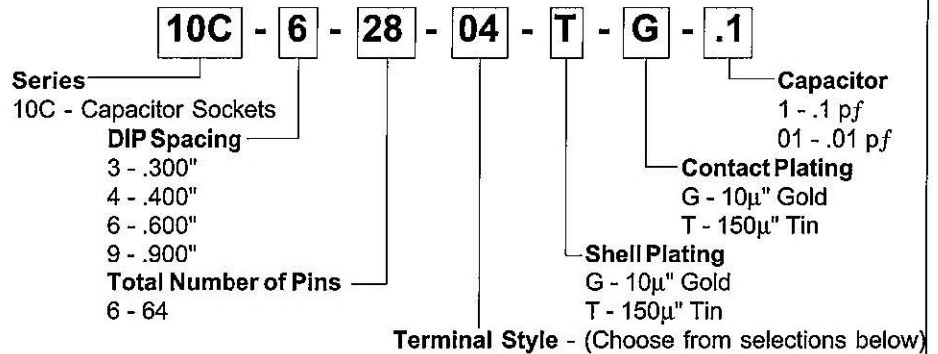
Lead Size Range: .015" to .022"

DIMENSIONS

No. of Pins	'A'	'B'	'C'
6	.300		
8	.400		
10	.500		
14	.700		
16	.800	.300	.400
18	.900		
20	1.00		
22	1.10		
24	1.20		
28	1.40		
22	1.10	.400	.500
24	1.20		
24	1.20		
28	1.40		
32	1.60		
36	1.80	.600	.700
40	2.00		
48	2.40		
50	2.50		
52	2.60	.900	1.00
64	3.20		

Note: All dimensions are in inches

Open Frame DIP Sockets with Capacitors



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series 11

DESCRIPTION

The Glass Epoxy DIP sockets are available in custom configurations. There are alternate types of Glass Epoxy material that are available. The turn-around time is very quick! Series 11 is available in sizes 6 to 64. The precision screw-machine outer shell and the four-finger BeCu inner contact allow for easy IC insertion.

SPECIFICATIONS

Insulator Material: Glass Epoxy Laminate

Thickness: .062"

Flammability Rating: UL 94V-O

Operating Temperature: -76°F to +284°F

Shell Material: Brass

Contact Material: BeCu

Shell Plating: Tin over Nickel and Gold over Nickel

Contact Plating: Tin over Nickel and Gold over Nickel

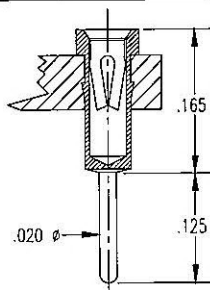
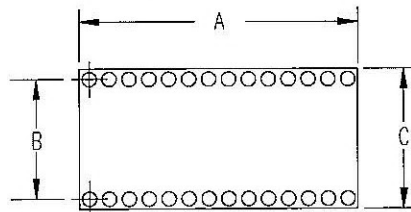
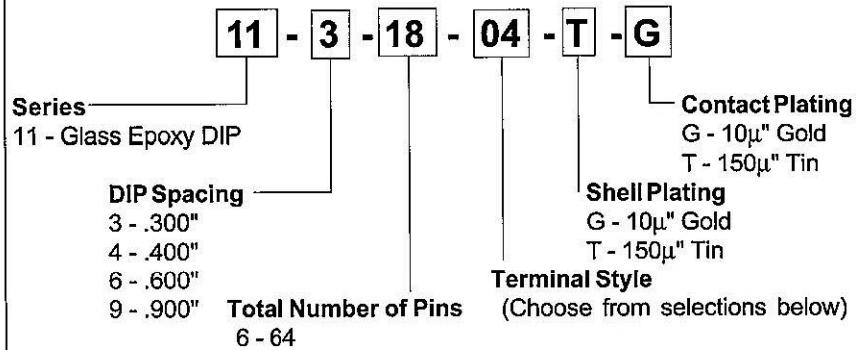
Lead Size Range: .015" to .022"

DIMENSIONS

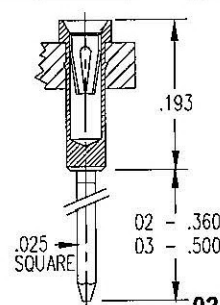
No. of Pins	'A'	'B'	'C'
6	.300		
8	.400		
10	.500		
14	.700		
16	.800	.300	.400
18	.900		
20	1.00		
22	1.10		
24	1.20		
28	1.40		
22	1.10	.400	.500
24	1.20		
24	1.20		
28	1.40		
32	1.60		
36	1.80	.600	.700
40	2.00		
48	2.40		
50	2.50		
52	2.60	.900	1.00
64	3.20		

Note: All dimensions are in inches

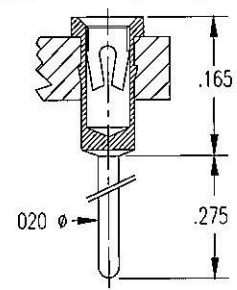
Glass Epoxy DIP Sockets



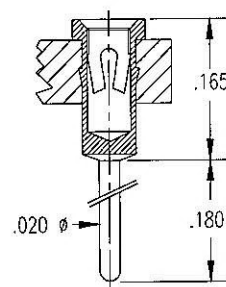
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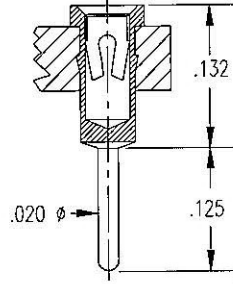
-02/-03



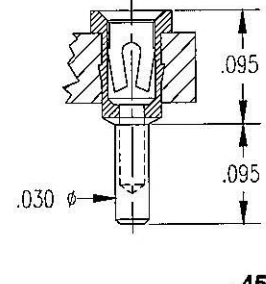
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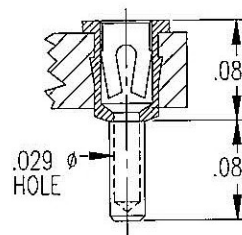
-08



-132

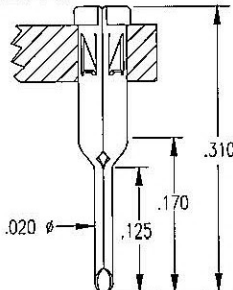


-451

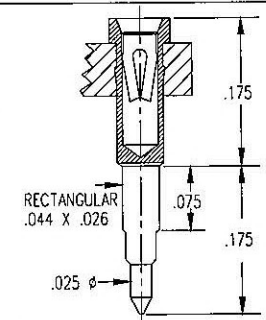


-83

POLO PIN



-98



Press-fit .038 ± .002 -477



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Series 11A

DESCRIPTION

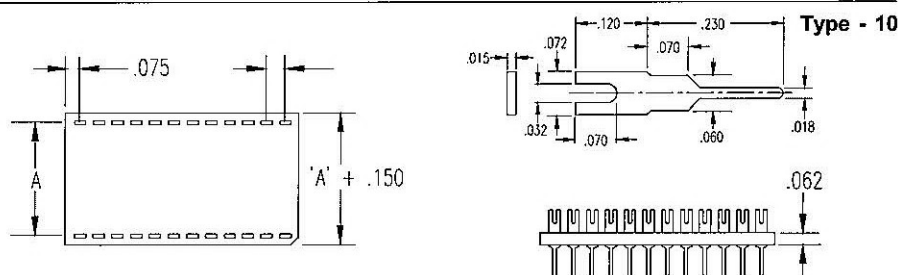
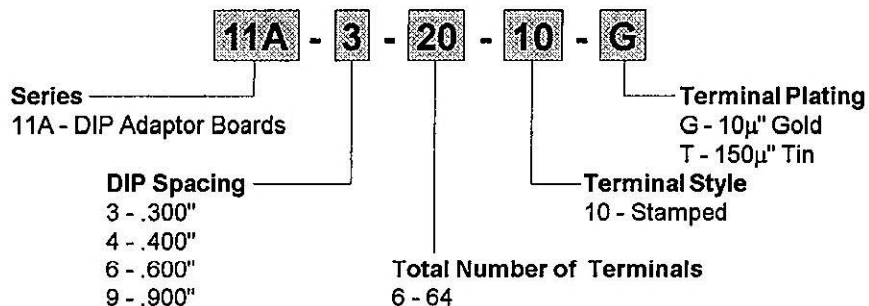
This series 11A is available in custom configurations. The bifurcated design allows for large diameter components.

SPECIFICATIONS

Insulator Material: Glass Epoxy Laminate
Flammability Rating: UL 94V-O
Operating Temperature: -65°C to +125°C
Terminal Material: PhBr
Terminal Plating: Tin over Nickel and Gold over Nickel

Note: All dimensions are in inches

DIP Adaptor Boards



Series TO

DESCRIPTION

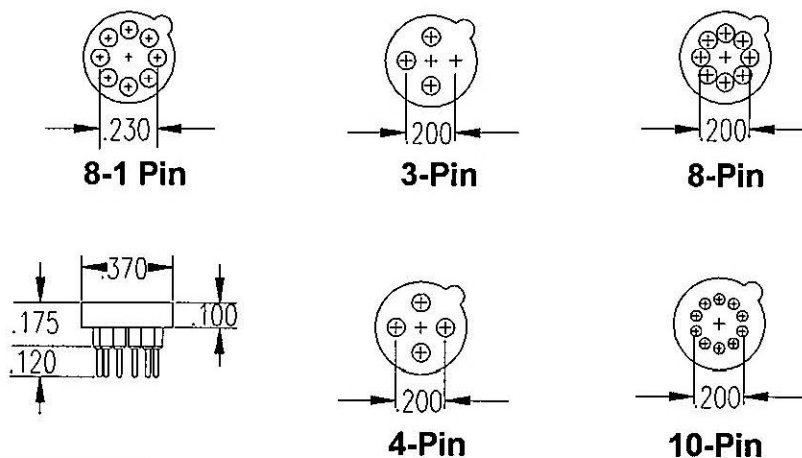
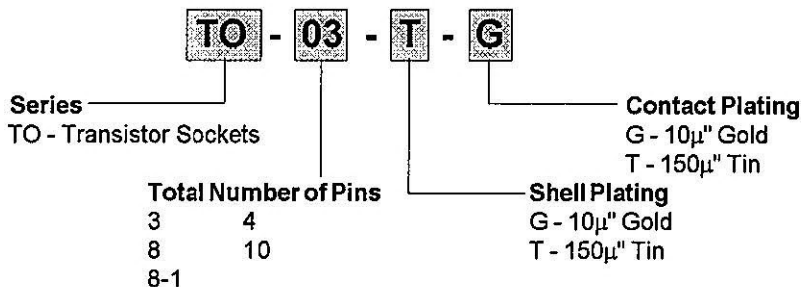
Series TO is available in a number of custom configurations. The Transistor sockets also have a very low profile.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester
Flammability Rating: UL 94V-O
Operating Temperature: -65C to +125C
Shell Material: Brass
Contact Material: BeCu
Shell Plating: Tin over Nickel and Gold over Nickel
Contact Plating: Tin over Nickel and Gold over Nickel
Lead Size Range: .015" to .022" diameters

Note: All dimensions are in inches

Transistor Sockets



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series 12

DESCRIPTION

Series 12 allows the user to custom design the Break-away strip to whatever size is desired. Single row strips are available in sizes up to 36 positions. These strips are end-to-end and side-to-side stackable. This series can be customized in a **Dual (2 x 40)** or **Single (1 x 36)** row format.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL94V-O

Operating Temperature: -55°C to +125°C

Shell Material: Brass

Contact Material: BeCu

Shell Plating: Tin over Nickel and Gold over Nickel

Contact Plating: Tin over Nickel and Gold over Nickel

Lead Size Range: .015" to .022" diameters

**BREAK-
AWAY
INTO ANY
REQUIRED
LENGTH!**

Note: All dimensions are in inches

Break-Away Strips (SINGLE & DUAL Row)

12 - 032 - 04 - T - G

Series

12 - Standard (.100" Thk.)
12D - Dual Row (.112" Thk.)
12E - .050" Thick, Single
12F - .050" Thick, Dual Row

Contact Plating

G - 10μ" Gold
T - 150μ" Tin

Terminal Plating

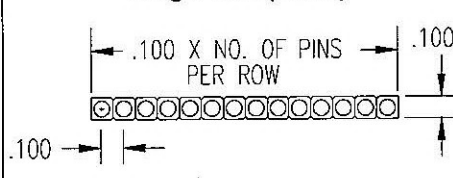
G - 10μ" Gold
T - 150μ" Tin

Terminal Style

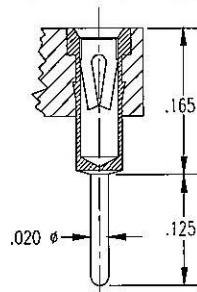
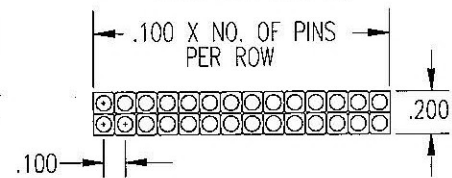
(Choose from selections below)

Total Number of Pins
2 - 80

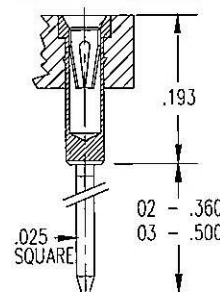
Single Row (1 x 36)



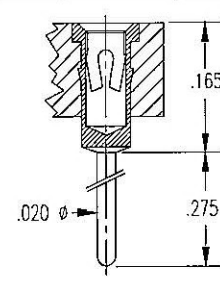
Dual Row (2 x 40)



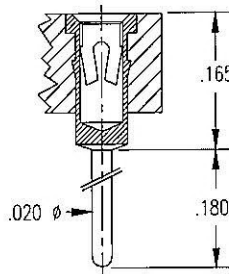
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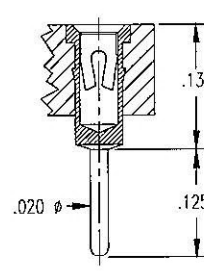
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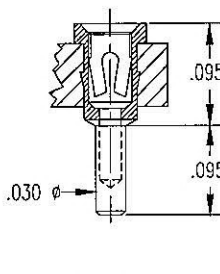
-07



-08

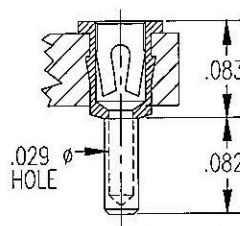


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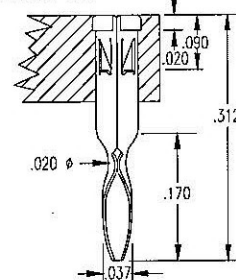


Series 12E/12F Only

-451

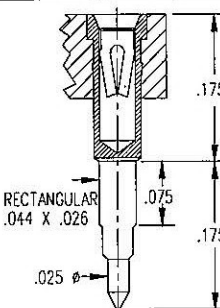


PONY PIN



-83

Press-fit in .030 ± .003 -99



Press-fit in .038 ± .002 -477



ELPAKCO, INC.

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Series 12

Break-Away Adaptors(SINGLE & DUAL Row)

DESCRIPTION

Series 12 allows the user to custom design the Break-away strip to whatever size is desired. Single row strips are available in sizes up to 36 positions. These strips are end-to-end and side-to-side stackable. This series can be customized in a **Dual (2 x 40)** or **Single (1 x 36)** row format.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-0

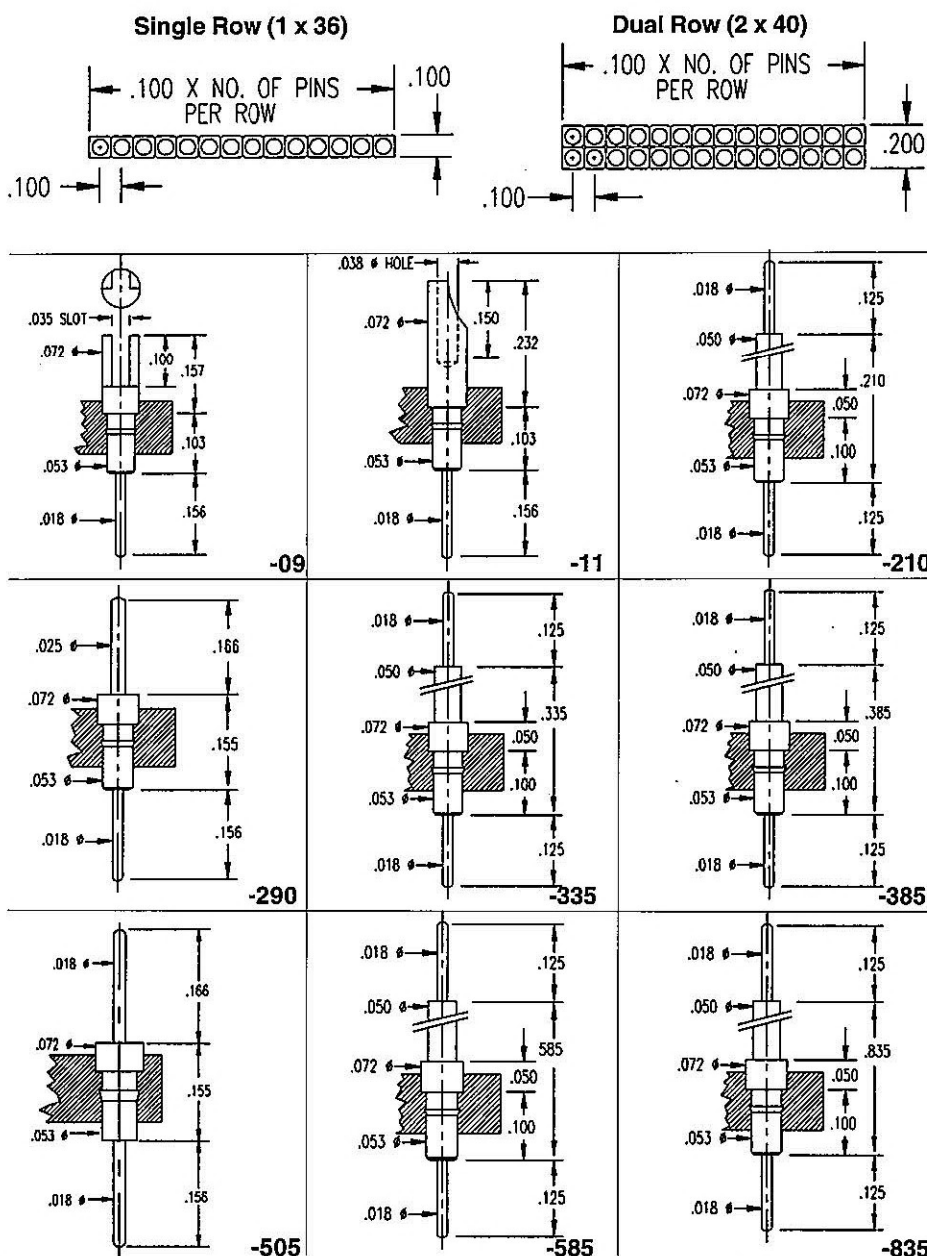
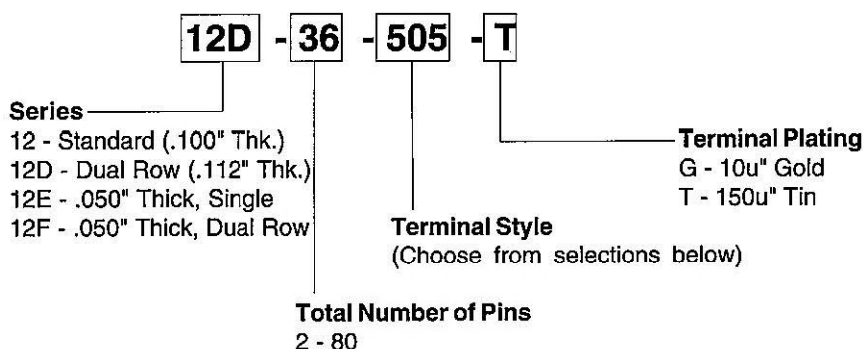
Operating Temperature: -55°C to +125°C

Terminal Material: Brass

Terminal Plating: Tin over Nickel and Gold over Nickel

**BREAK-
AWAY
INTO ANY
REQUIRED
LENGTH!**

Note: All dimensions are in inches



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Series 13

DESCRIPTION

The Closed Frame design allows for rigid design. All insulators are end-to-end and side-to-side stackable. Series 13 is available in sizes 6 to 40. The precision screw-machine outer shell and the four-finger BeCu inner contact allow for easy IC insertion.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-O
Operating Temperature: -76F to +284F

Shell Material: Brass

Contact Material: BeCu

Shell Plating: Tin over Nickel and Gold over Nickel

Contact Plating: Tin over Nickel and Gold over Nickel

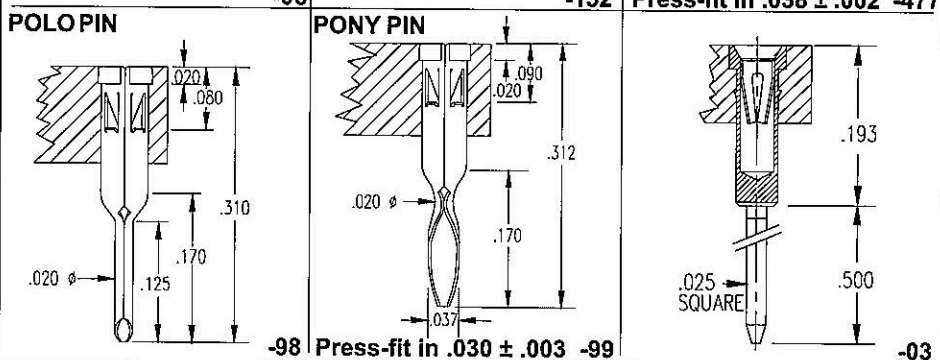
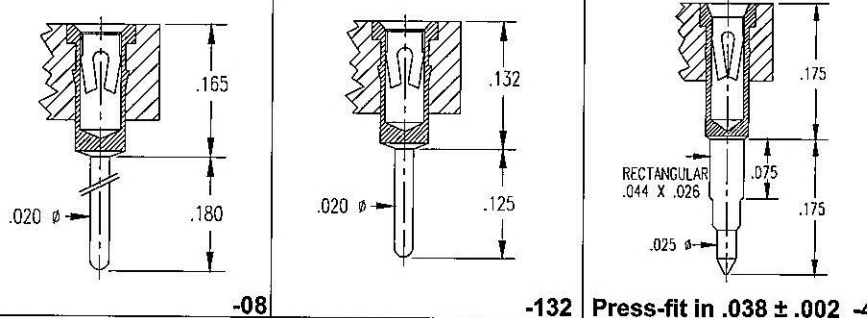
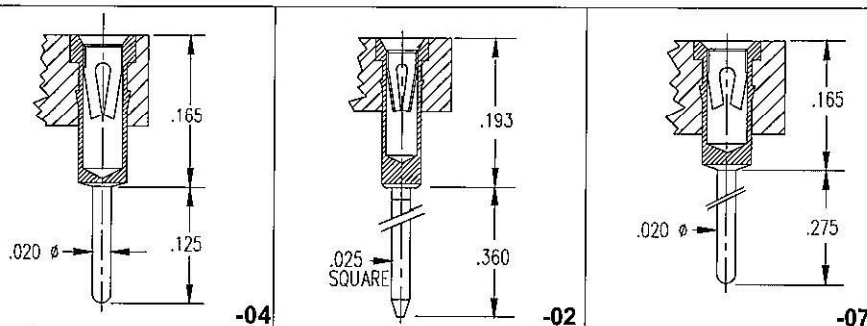
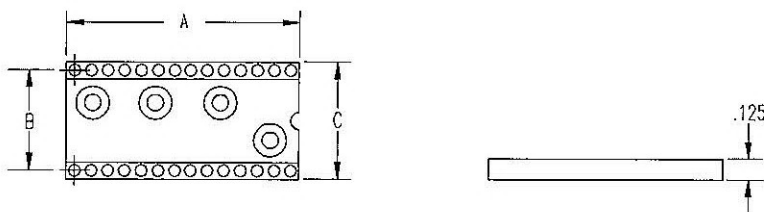
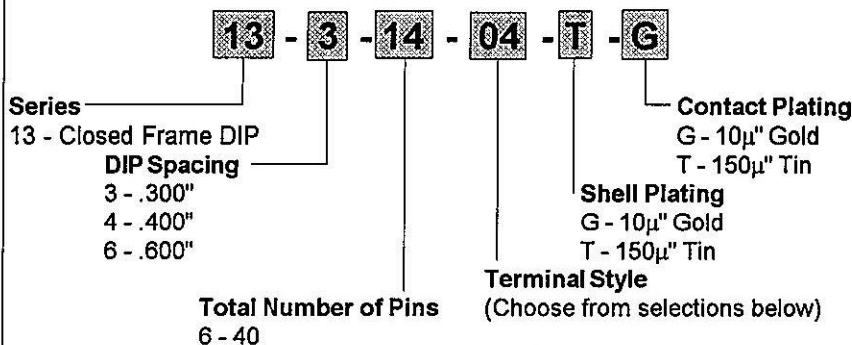
Lead Size Range: .015" to .022"

DIMENSIONS

No. of Pins	'A'	'B'	'C'
6	.300		
8	.400		
10	.500		
14	.700		
16	.800	.300	.400
18	.900		
20	1.00		
22	1.10		
24	1.20		
28	1.40		
22	1.10	.400	.500
24	1.20		
24	1.20		
28	1.40		
32	1.60		
36	1.80	.600	.700
40	2.00		
48	2.40		
50	2.50		
52	2.60	.900	1.00

Note: All dimensions are in inches

Closed Frame DIP Sockets



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Series 15

DESCRIPTION

This series is available in standard and custom configurations. Both are made in Glass-filled Polyester and Glass Epoxy. There are many footprints available. **Six-finger LIF contacts are standard.** See the back sections for details.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester and Glass Epoxy
Flammability Rating: UL94V-O
Operating Temperature: -76°F to +284°F (Glass Epoxy) and -65°C to +125°C (Plastic)
Shell Material: Brass
Contact Material: BeCu
Shell Plating: Tin over Nickel and Gold over Nickel
Contact Plating: Tin over Nickel and Gold over Nickel
Lead Size Range: .015" to .022"

Note: All dimensions are in inches

PGA Sockets

15P - 17 - 168 - 04 - T - G

Series

15P - Plastic Insulator
 15E - Glass Epoxy Insulator

Grid Size

(Choose from footprints)

Contact Plating

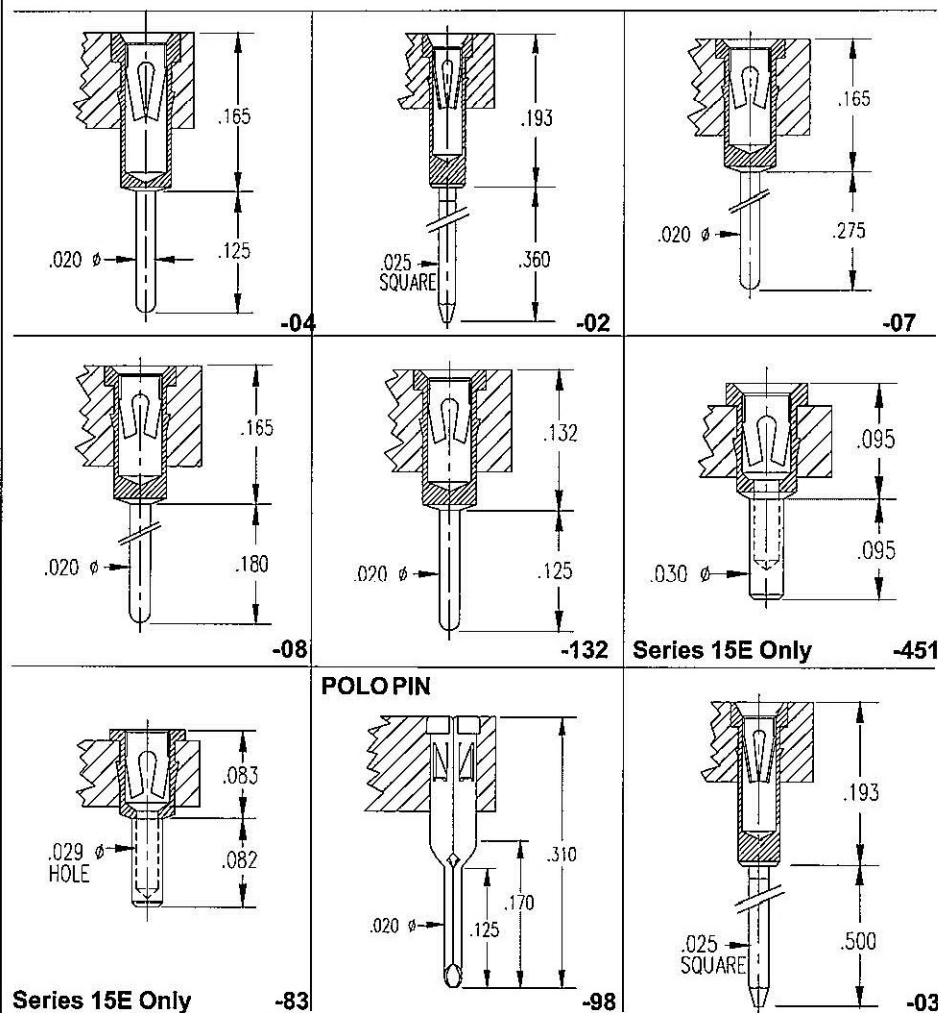
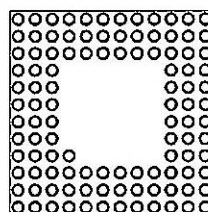
G - 10μ" Gold
 T - 150μ" Tin

Shell Plating

G - 10μ" Gold
 T - 150μ" Tin

Terminal Style

(Choose from selections below)



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Series 15

DESCRIPTION

This series is available in custom standard and custom configurations. Both are made in Glass-filled Polyester and Glass Epoxy. There are many footprints available.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester and Glass Epoxy
Flammability Rating: UL 94V-O
Operating Temperature: -76°F to +284°F (Glass Epoxy) and -65°C to +125°C (Plastic)
Pin Material: Brass
Pin Plating: Tin over Nickel and Gold over Nickel

PGA Adaptors

15P - 17 - 168 - 210 - T

Series

15P - Plastic Insulator
 15E - Glass Epoxy Insulator
Grid Size
 (Choose from footprints)

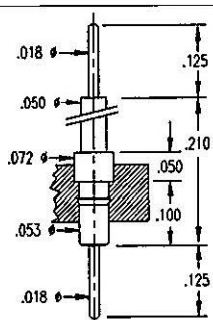
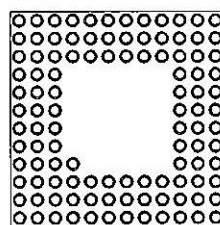
Terminal Plating

G - 10μ" Gold
 T - 150μ" Tin

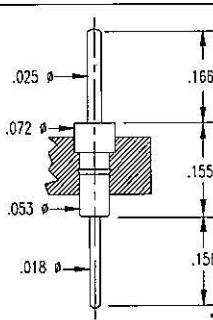
Total Number of Pins
 (Choose from pages 19-21)

Terminal Style

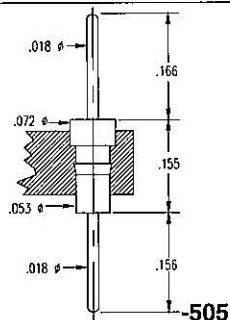
(Choose from selections below)



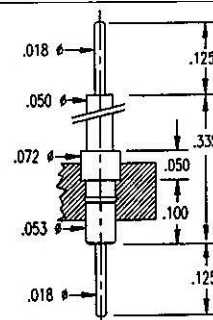
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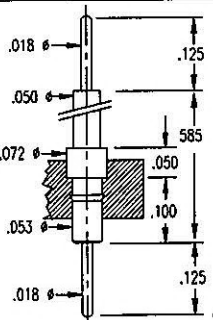
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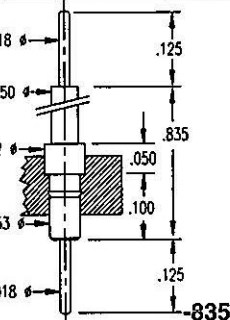
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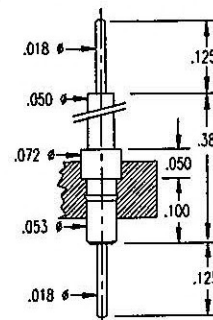
-335



-585



-835



-385

Note: All dimensions are in inches



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Series 15A

DESCRIPTION

This series is available in standard and custom configurations. Both are made in Glass-filled Polyester and Glass Epoxy. There are many footprints to choose from.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester and Glass Epoxy
Flammability Rating: UL 94V-O
Operating Temperature: -76°F to +284°F (Glass Epoxy) and -65°C to +125°C (Plastic)
Shell Material: Brass
Contact Material: BeCu
Shell Plating: Tin over Nickel and Gold over Nickel
Contact Plating: Tin over Nickel and Gold over Nickel
Lead Size Range: .015" to .022"

Note: -12 Terminal style is BeCu One Piece PINTO PIN. Available for 37 x 37 and 39 x 39 only.

Note: All dimensions are in inches

Interstitial PGA Sockets

15A - 37 - 296 - 14 - T - G

Series

15A - Plastic
 15AE - Glass Epoxy

Grid Size

(Choose from footprints)

Contact Plating

G - 10μ" Gold
 T - 150μ" Tin

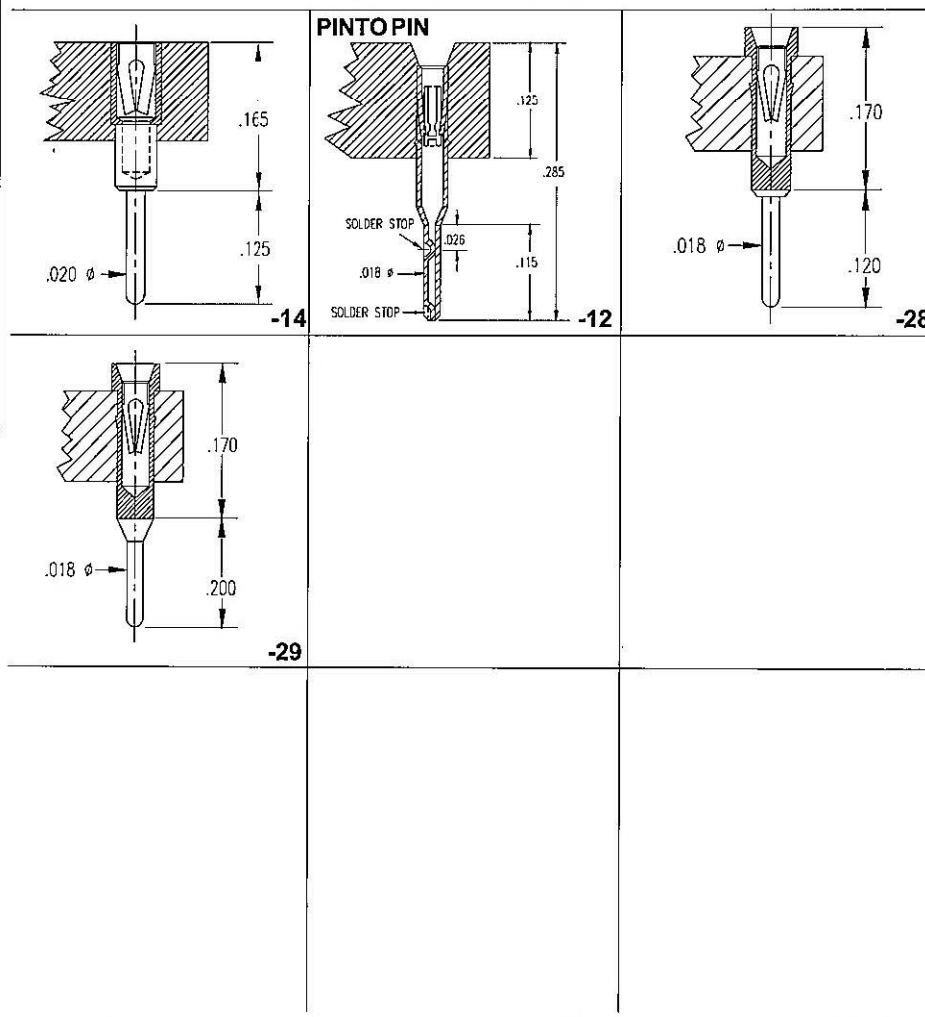
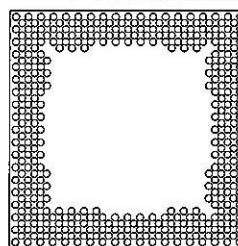
Shell Plating

G - 10μ" Gold
 T - 150μ" Tin

Terminal Style

(Choose from selections below)

Total Number of Pins
 (Choose from page 22)



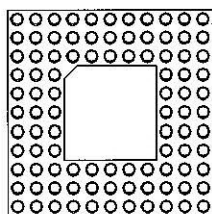
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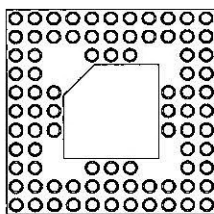
Series 15

PGA Footprints

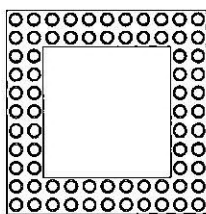
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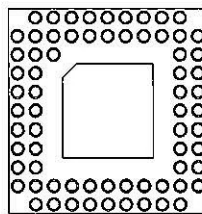
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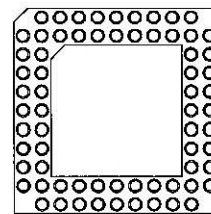
84



72A

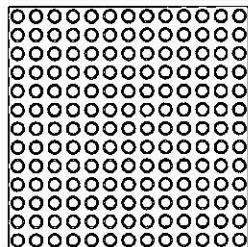


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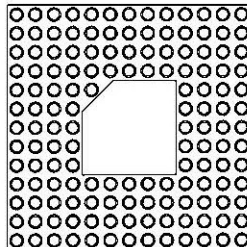


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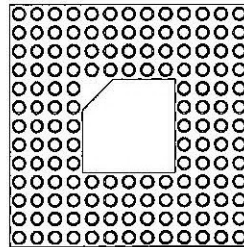
13 x 13



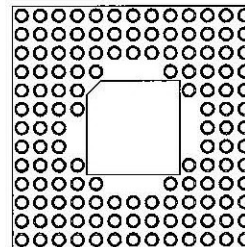
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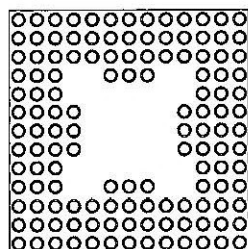
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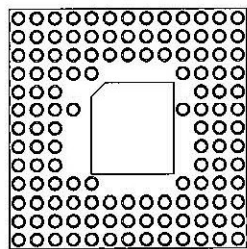
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133

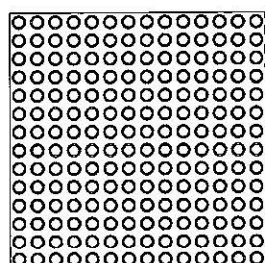


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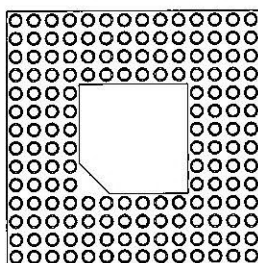


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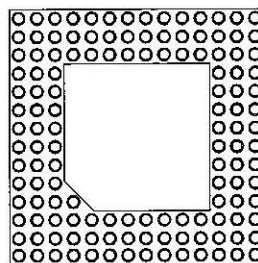
14 x 14



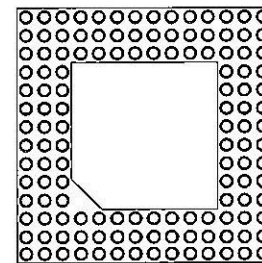
196



180

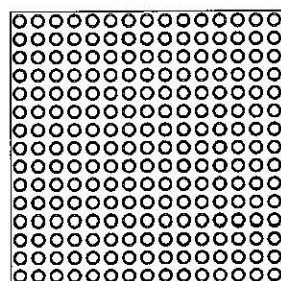


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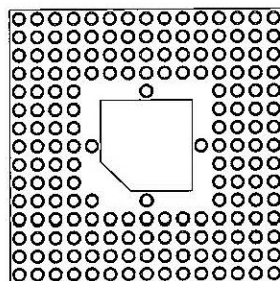


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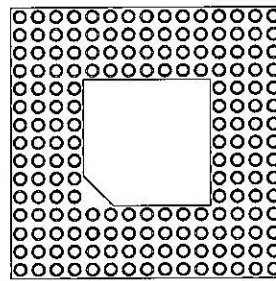
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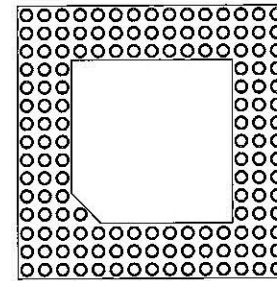
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181



176



145



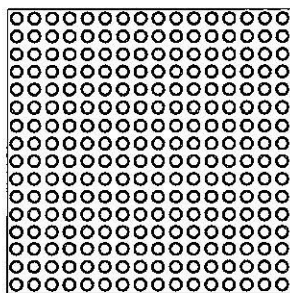
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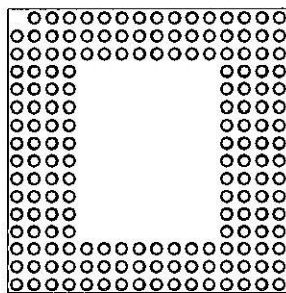
Series 15

PGA Footprints

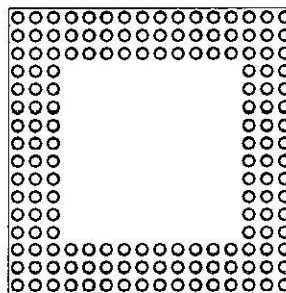
16 x 16



256

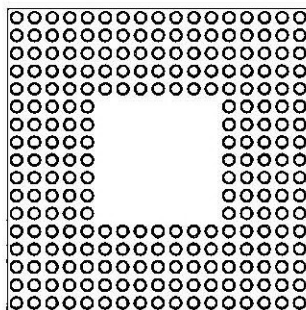


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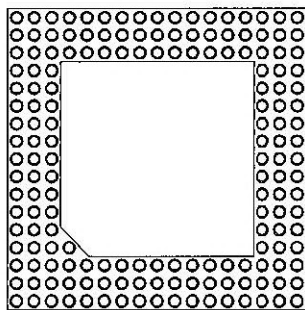


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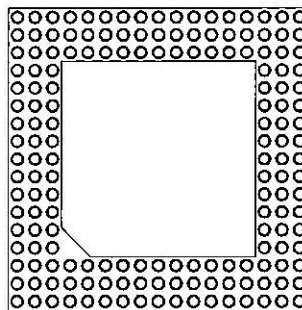
17 x 17



240

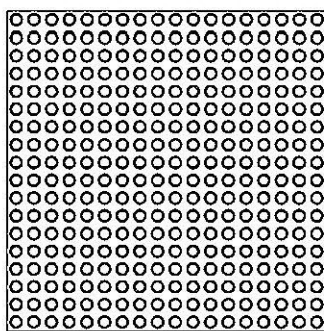


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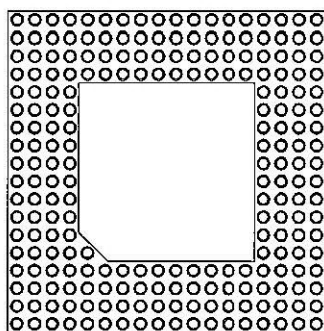


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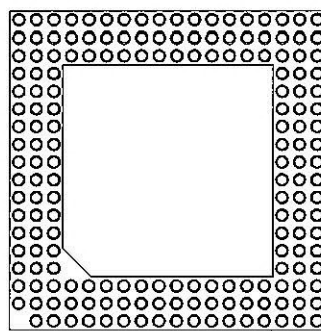
18 x 18



324

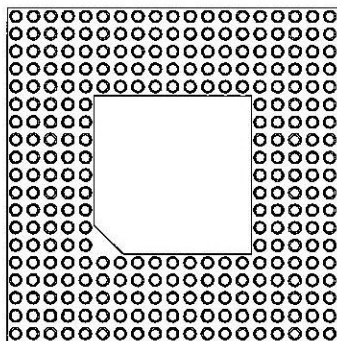


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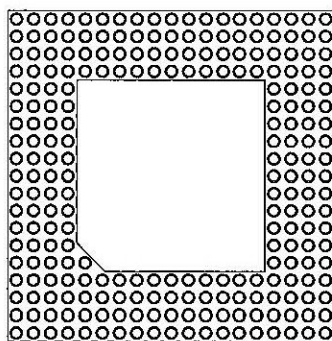


179

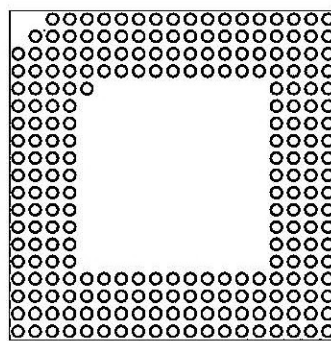
19 x 19



280



257



238



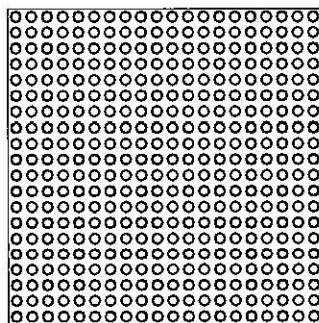
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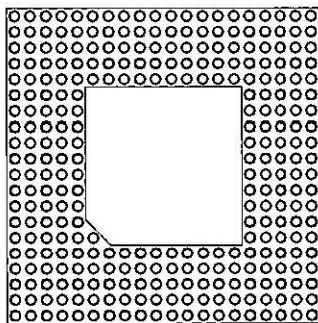
Series 15

PGA Footprints

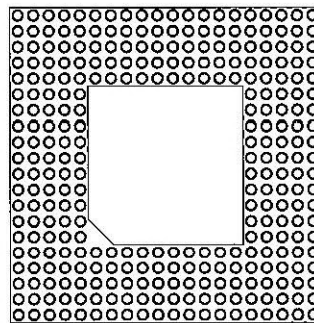
20 x 20



400

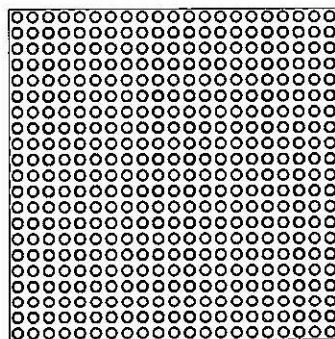


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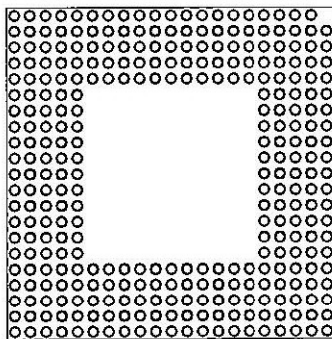


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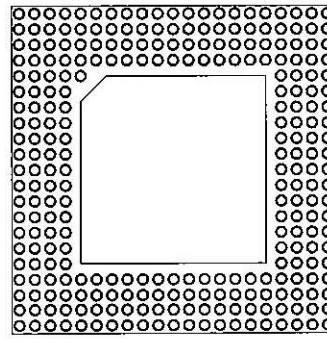
21 x 21



441

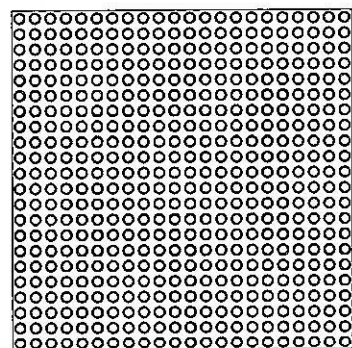


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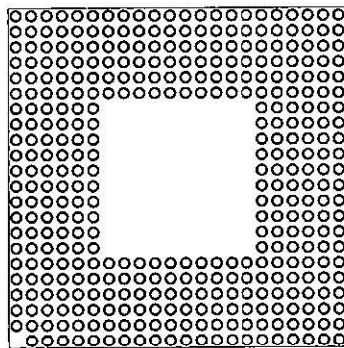


273

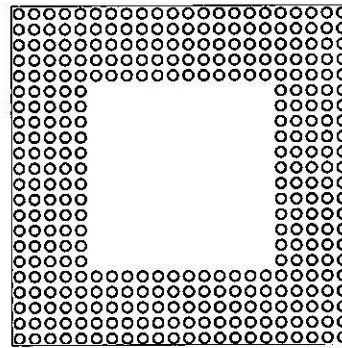
22 x 22



484



383



340



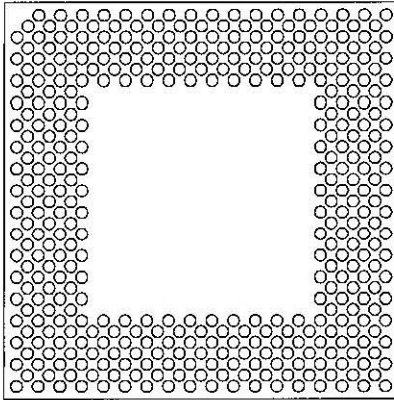
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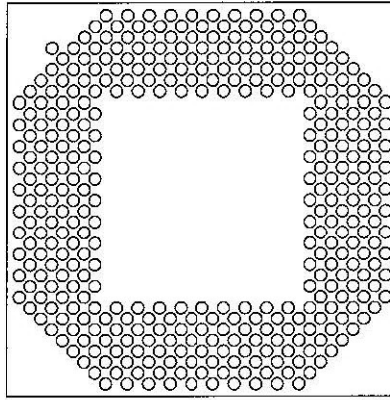
Series 15

Interstitial PGA Footprints

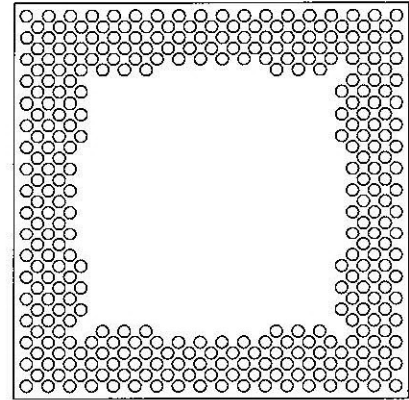
35 x 35



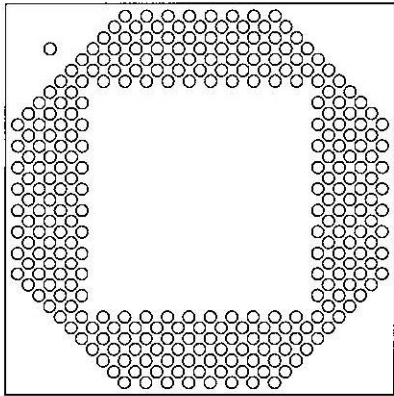
391



369

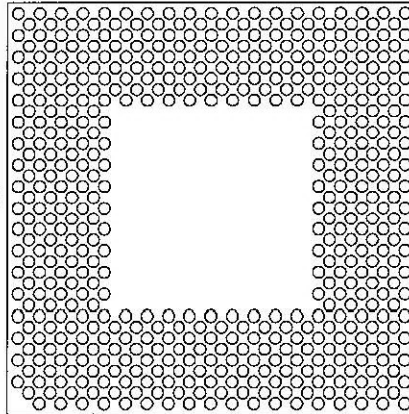


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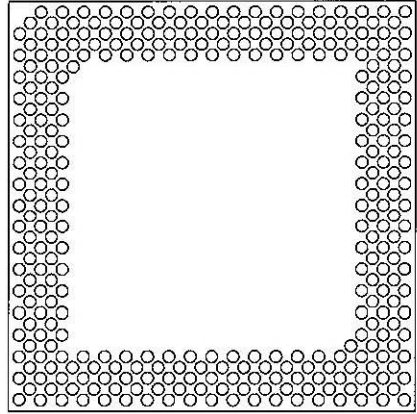


293

37 x 37

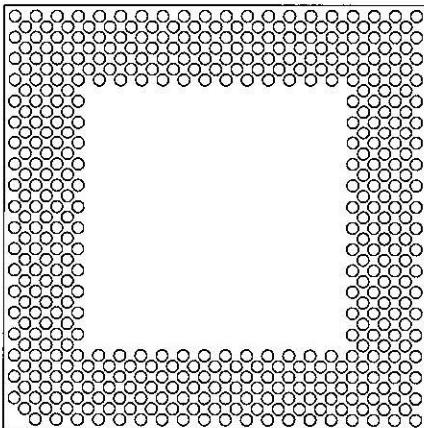


503

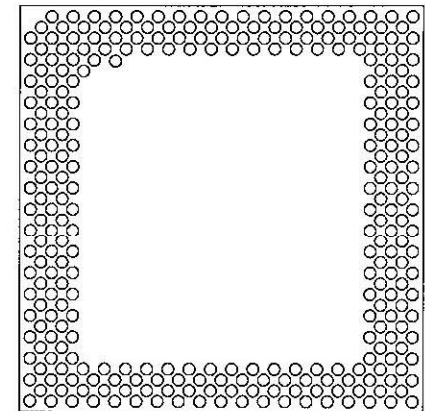


321

39 x 39



447



296



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Series 18

DESCRIPTION

All insulators are end-to-end and side-to-side stackable.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-O

Operating Temperature: -55°C to +125°C

Pin Material: Brass

Pin Plating: Tin over Nickel and Gold over Nickel

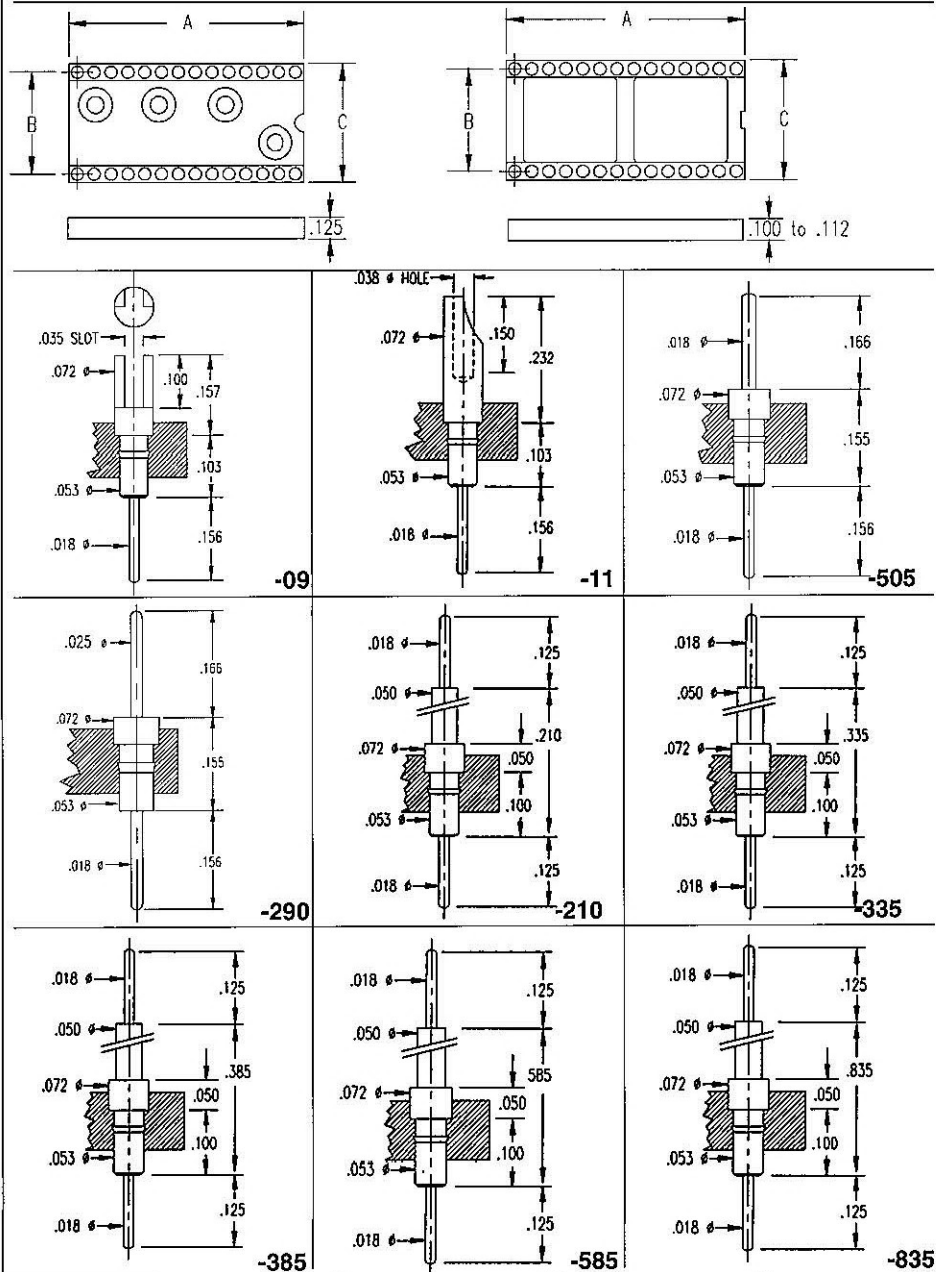
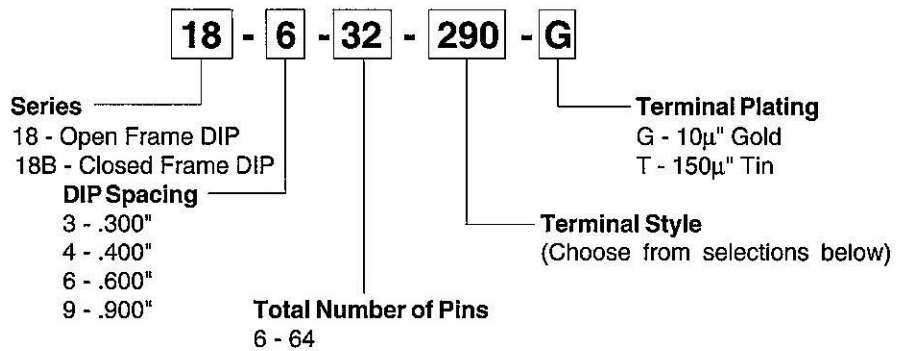
Thickness: .100" to .112" for open frame only

DIMENSIONS

No. of Pins	'A'	'B'	'C'
6	.300		
8	.400		
10	.500		
14	.700		
16	.800	.300	.400
18	.900		
20	1.00		
22	1.10		
24	1.20		
28	1.40		
22	1.10	.400	.500
24	1.20		
24	1.20		
28	1.40		
32	1.60	.600	.700
36	1.80		
40	2.00		
48	2.40		
50	2.50		
52	2.60	.900	1.00
64	3.20		

Note: All dimensions are in inches

Adaptor Sockets



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Series 19

DESCRIPTION

Series 19 is available in custom configurations. The precision screw-machine outer shell and the four-finger BeCu inner contact allow for easy IC insertion.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-O

Operating Temperature: -55°C to +125°C

Shell Material: Brass

Contact Material: BeCu

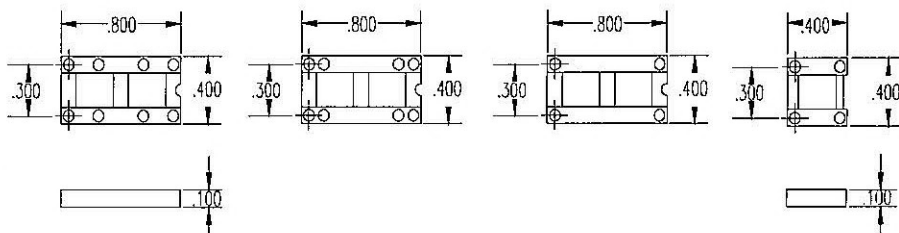
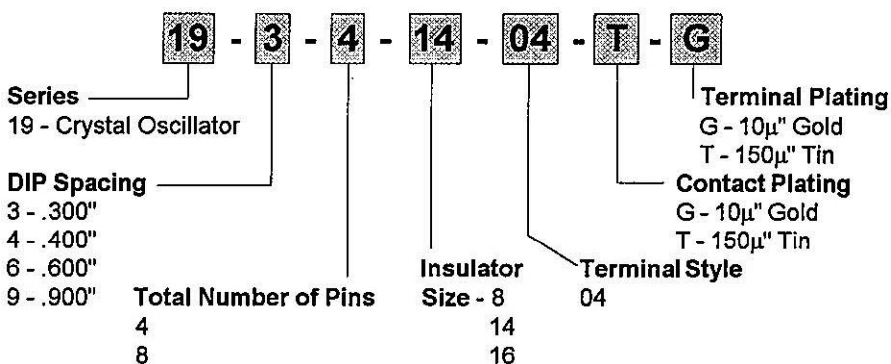
Shell Plating: Tin over Nickel and Gold over Nickel

Contact Plating: Tin over Nickel and Gold over Nickel

Lead Size Range: .015" to .022" diameters

Note: All dimensions are in inches

Crystal Oscillator Sockets



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series 20

DESCRIPTION

All insulators are end-to-end and side-to-side stackable. Series 20 is available in sizes 6 to 64 in both open and closed frame. The precision screw-machine outer shell and the four-finger BeCu inner contact allow for easy IC insertion. A variety of stand-off heights are available.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester
Flammability Rating: UL94V-O
Operating Temperature: -55°C to +125°C
Shell Material: Brass
Contact Material: BeCu
Shell Plating: Tin over Nickel and Gold over Nickel
Contact Plating: Tin over Nickel and Gold over Nickel
Lead Size Range: .015" to .022"

DIMENSIONS

No. of Pins	'A'	'B'	'C'
6	.300		
8	.400		
10	.500		
14	.700		
16	.800	.300	.400
18	.900		
20	1.00		
22	1.10		
24	1.20		
28	1.40		
22	1.10	.400	.500
24	1.20		
24	1.20		
28	1.40		
32	1.60		
36	1.80	.600	.700
40	2.00		
48	2.40		
50	2.50		
52	2.60	.900	1.00
64	3.20		

Note: All dimensions are in inches

Elevated Sockets

20 - 6 - 28 - 21 - T - G

Series

20 - Open Frame DIP
 20B - Closed Frame DIP

DIP Spacing

3 - .300"
 4 - .400"
 6 - .600"
 9 - .900"

Terminal Plating

G - 10μ" Gold
 T - 150μ" Tin

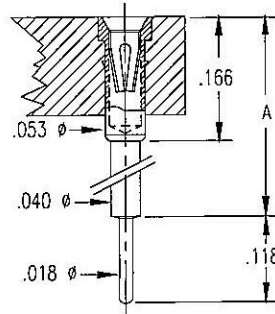
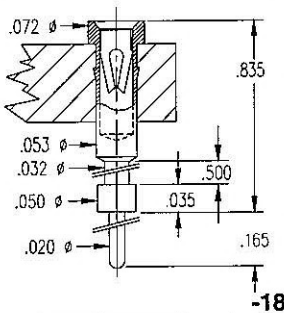
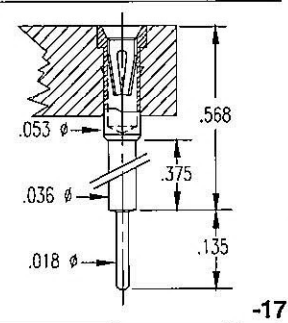
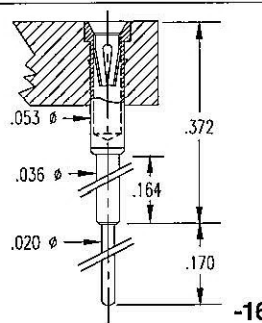
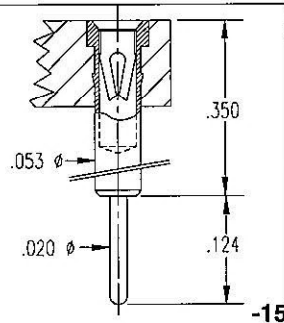
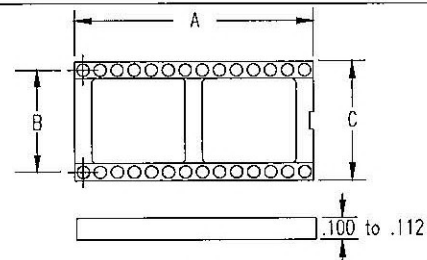
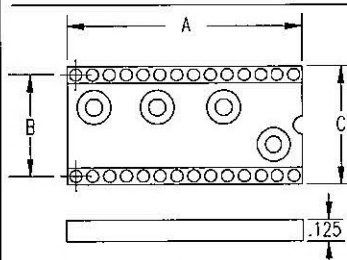
Terminal Plating

G - 10μ" Gold
 T - 150μ" Tin

Terminal Style

(Choose from selections below)

Total Number of Pins
 6 - 64



TYPE	'A'
-19	.236
-20	.315
-21	.402
-22	.472
-23	.594
-24	.699

-19 to -24



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

.050" X .050"

Pinto Pin Socket Strips & 1066 Headers

DESCRIPTION

Elpakco's unique low cost PINTO PIN has been designed as a low insertion force* one-piece three-finger Beryllium Copper pin. The head diameter is only .034" which makes the PINTO PIN an ideal component for Interstitial, Shrink-DIP and 2mm spacing applications. This one-piece pin is available in a variety of plating options which include Gold and Tin.

The spacing is on a .050" grid. The PINTO PIN socket strips will accept lead sizes .015" to .022" diameters as well as .016" square. **The two socket types can be mated together to obtain a desired board-to-board height of .265".** These .050" spacing socket/header strips can withstand Solder Reflow, Infared and Vapor Phase processes.

SPECIFICATIONS

Insulator Material: Stanyl 46
Nylon TE 250F6 Rated to
UL94V-O

Process Temperature: -65°C to
+125°C

Pin Material: One Piece Beryllium
Copper per QQ-C-530

Gold: Per MIL-G-45204

Tin: Per MIL-T-10727

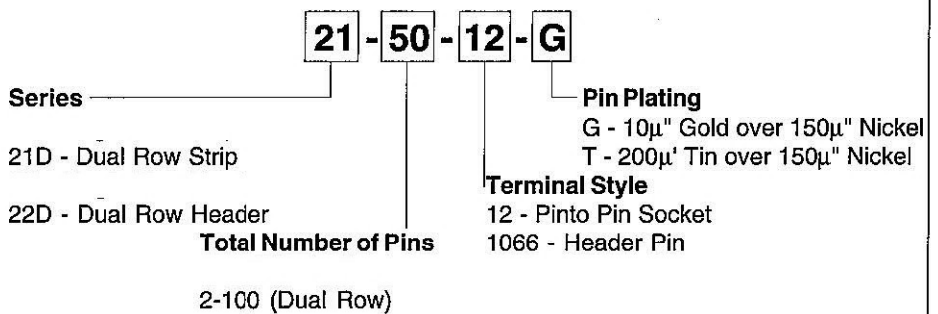
Nickel: Per QQ-N-290

Lead Size Range: .015" to .022"
diameters

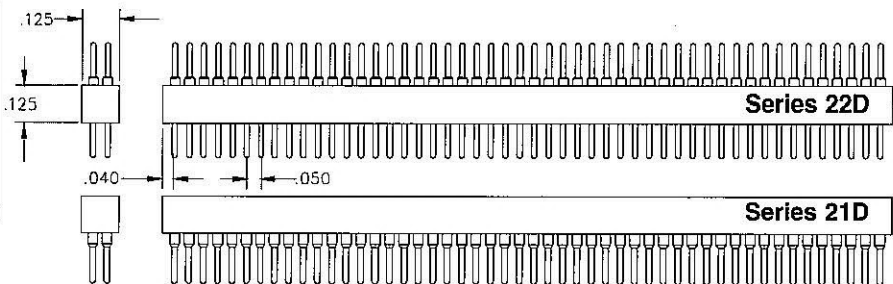
Insertion Force: 20g Avg.

Note: All dimensions are in inches

.050" x .050"
Grid

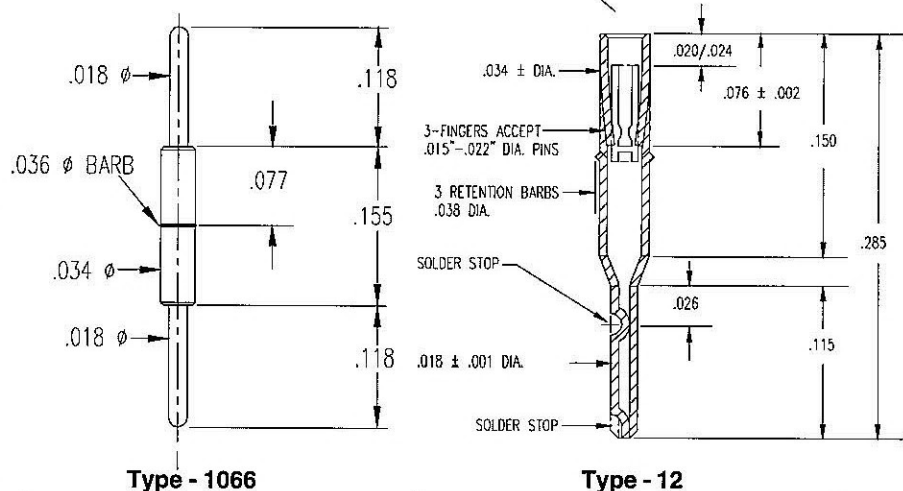


Insulator Drawings



Terminal Styles

Insertion Force - 20g Avg. with .018Ø Pin



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series RA

Right Angle LED Sockets

DESCRIPTION

Series RA is available in Glass-filled Polyester insulators. The Precision terminals are plated with Tin shells and Gold contacts. Other varieties are available upon request.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-O
Operating Temperature: -65°C to +125°C

Shell Material: Brass

Contact Material: BeCu

Shell Plating: Tin over Nickel

Contact Plating: Gold over Nickel

Lead Size Range: .015" to .022" diameters

DIMENSIONS (Style A & B)

No. of Pins	'A'	'B'	'C'
14	.700	.400	.300
16	.800	.400	.300
18	.900	.400	.300
20	1.00	.400	.300
28	1.40	.400	.300

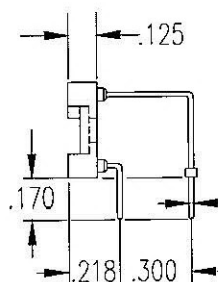
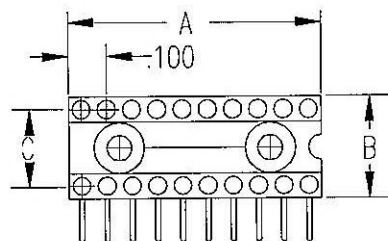
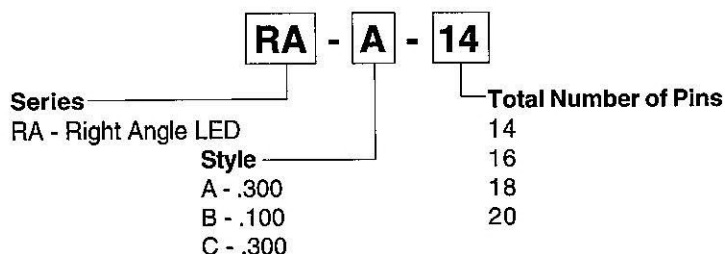
DIMENSIONS (Style C)

No. of Pins	'A'	'B'	'C'
28	1.40	.700	.600
32	1.60	.700	.600
40	2.00	.700	.600

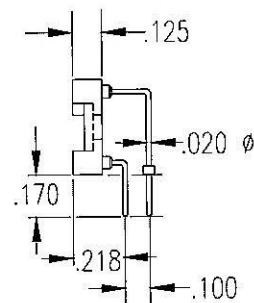
Pins Used:

Style A: 4033 & 4044

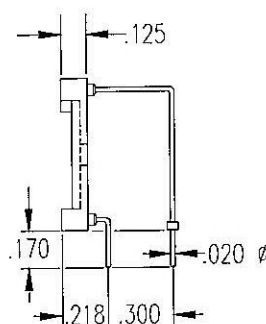
Note: All dimensions are in inches



Style - A (.300 DIP Spacing)



Style - B (.300 DIP Spacing)



Style - C (.600 DIP Spacing)



ELPAKCO, INC.

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Series MS

DESCRIPTION

The series MS mates with Elpakco .025" square posts pin headers, (Series PH). There are five choices. The standard color is Black.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-O
Operating Temperature: -65°C to +125°C

Contact Material: Phosphor Bronze

Contact Plating: Gold over Nickel and Tin over Nickel

Note: All dimensions are in inches

Mini Shunts

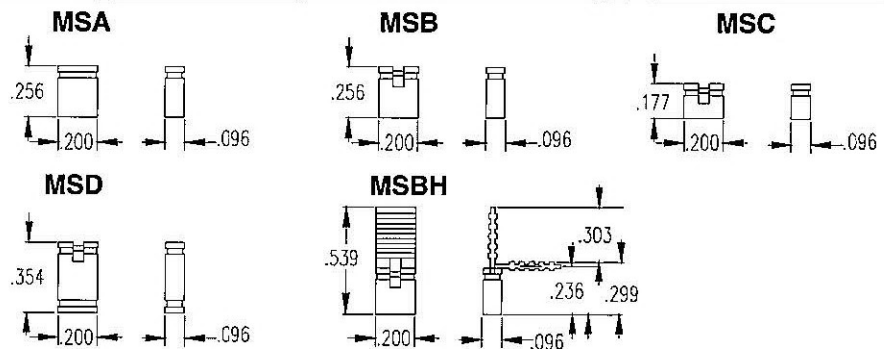
MSA - G

Series

MSA - Mini, Closed Top
MSB - Mini, Open Top, Stackable
MSC - Micro, Open Top, Stackable
MSD - Double Ended
MSBH - Mini, Open Top with Handle

Contact Plating

G - Gold Flash
T - 150μ" Tin



ELPAKCO, INC.

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Series PH

.025" Square Post Pin Header

DESCRIPTION

The Elpakco Pin headers have molded in stand-offs. They are available in single, dual and triple rows on .100" centers. Series PH is end-to-end stackable on .100" centers. This series mates with Elpakco series RS.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-O

Operating Temperature: -55°C to +125°C

Pin Material: Copper Alloy

Pin Plating: Tin over Nickel and Gold over Nickel

PH - PH1 - 040 - U - A

Series

PH - Pin Headers

Rows

PH1 - Single, Straight
PH2 - Dual, Straight
PH3 - Triple, Straight
P1A - Single, Right Angle
P2A - Dual, Right Angle
P3A - Triple, Right Angle

Pin Length

A - C=.240"

D=.120"

B - C=.318"

D=.135"

Pin Plating

U - 10μ" Gold

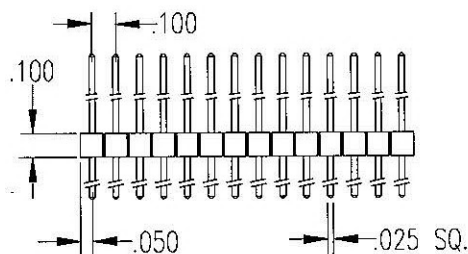
T - 150μ" Tin

Total Number of Pins

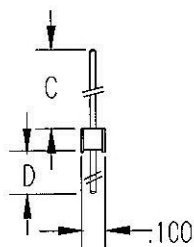
1 - 40 - Single Row

4 - 80 - Dual Row

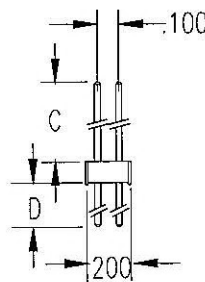
6 - 120 - Triple Row



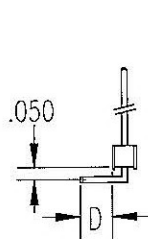
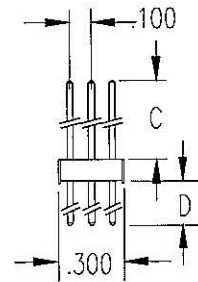
PH1



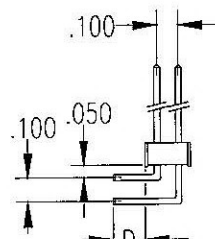
PH2



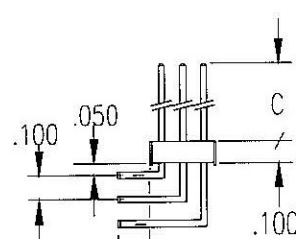
PH3



P1A



P2A



P3A

Note: All dimensions are in inches



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series 38

DESCRIPTION

The 108-pin connectors are available in both straight and right angle types. The body is made from a Glass-filled Polyester thermoplastic. The polarization slots cause good positive registration. Gold plated pins allow for good wire wrapping. The closed entry socket prevents accidental mating with larger contacts. The chamfered pins allow for easy mating.

SPECIFICATIONS

Insulator Material: Glass-filled Polyester

Flammability Rating: UL 94V-O

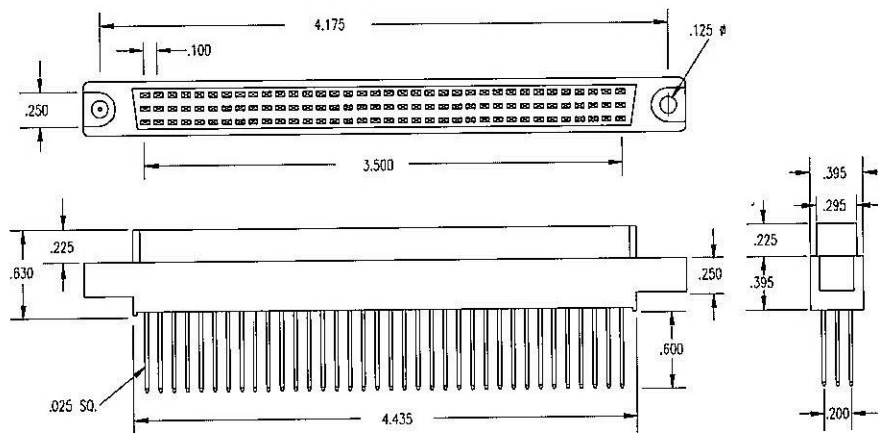
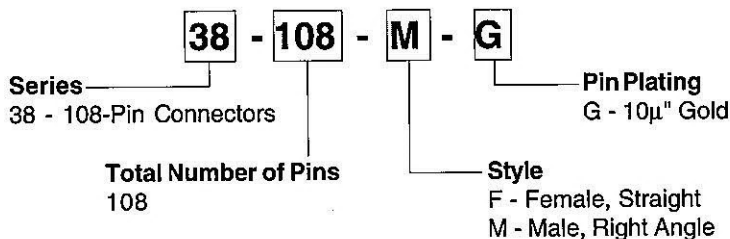
Color: Black

Operating Temperature: -55°C to +125°C

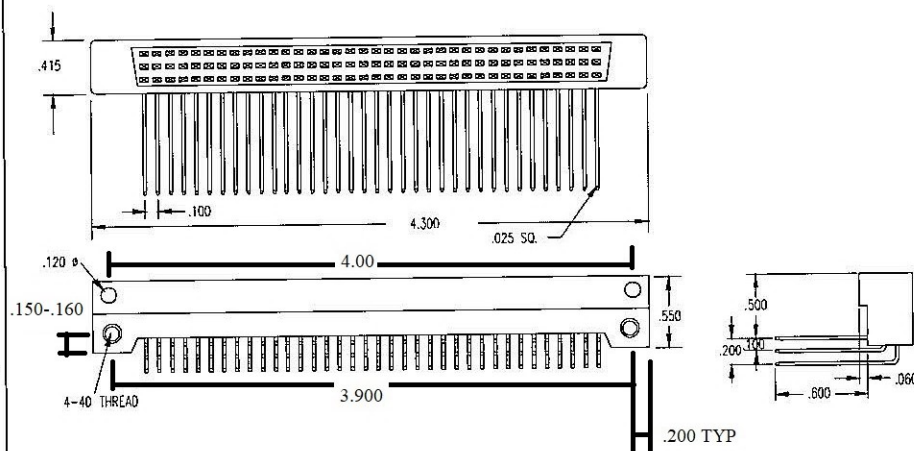
Contact Material: Brass

Contact Plating: Gold over Nickel

108 - Pin Male and Female Connectors



P/N: 38-108-F-G



P/N: 38-108-M-G

Note: All dimensions are in inches



ELPAKCO, INC.

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Terminals

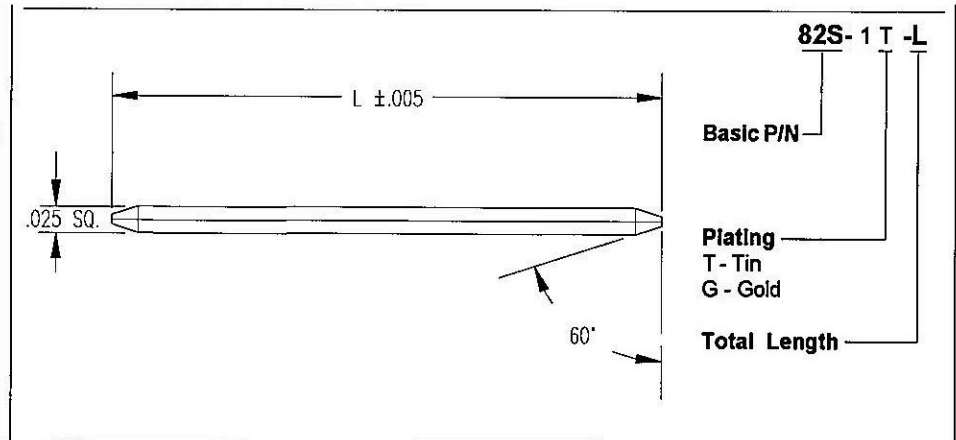
Stamped Terminals

SPECIFICATIONS

Terminal Material: Alloy 544 Phosphor
Bronze
Terminal Plating: Gold flash over
Nickel or 200u" Tin over Nickel

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All Dimension are in inches



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Connectors

SPECIFICATIONS

Insulator Material: Polypropylene

Flammability Rating: UL 94V-O

Pin Material: Brass

Pin Plating: Gold over Copper

DIMENSIONS

P/N	'A'
E2871-01	.200
E2871-02	.250
E3771-01	.400
E3771-02	.500
E2872-01	.200
E2872-02	.250
E2872-03	.300
E2872-04	.400
E2872-05	.500
E3360-01	.200
E3360-02	.250
E3360-03	.300
E3360-04	.400
E3360-05	.500

Note: All dimensions are in inches

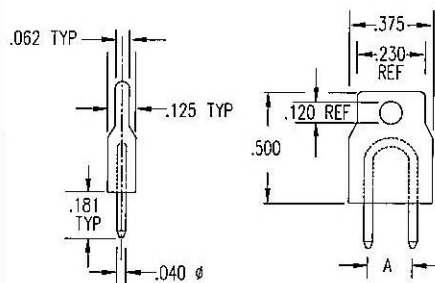
Shorting Plugs

E2871 - 02 - G - 10

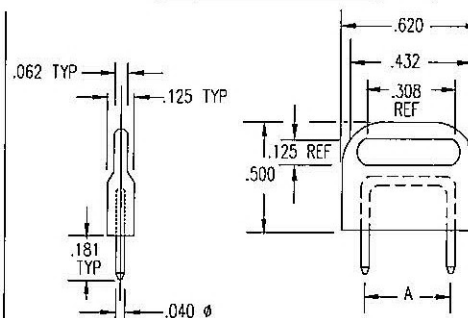
Series
Basic P/N

Pin Plating
G - 10μ" Gold

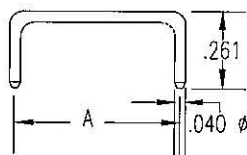
Insulation Color
10 - Black
12 - Red
16 - Blue



#E2871

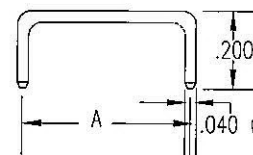


#E3771



#E2872

Non-Insulated



#E3360

Non-Insulated

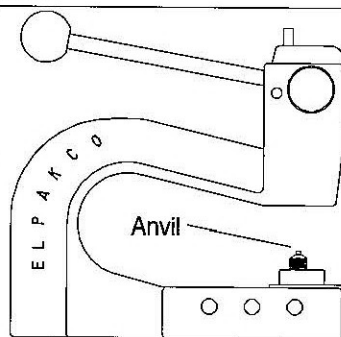
Swager

SPECIFICATIONS

Swager Material: Cast Iron

Swager: Manual pressure cam action with a 5" throat depth.

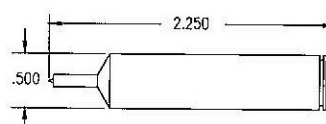
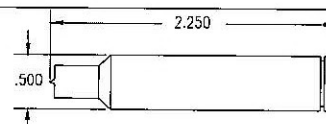
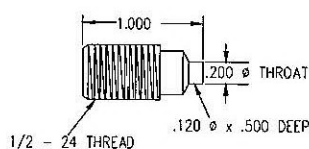
Call the factory for Anvil & Punch sizes.



Terminal Swager

SW1

Series
SW1 - Terminal Swager



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Connectors

SPECIFICATIONS

Insulator Material: Teflon

Pin Material: Beryllium Copper
Heat Treated (Hour Glass Type)

Pin Plating: Gold over Nickel or
Tin over Nickel

For Panel Thickness: .031 to
.125

Capacitance (pF): 1.0

**.172 Mtg. Hole Dia.
for .080 Dia. Pins**

Note: All dimensions are in inches

Teflon Press Mount Style Jacks

4286 - G - 19

Series

4286 - Basic Part Number

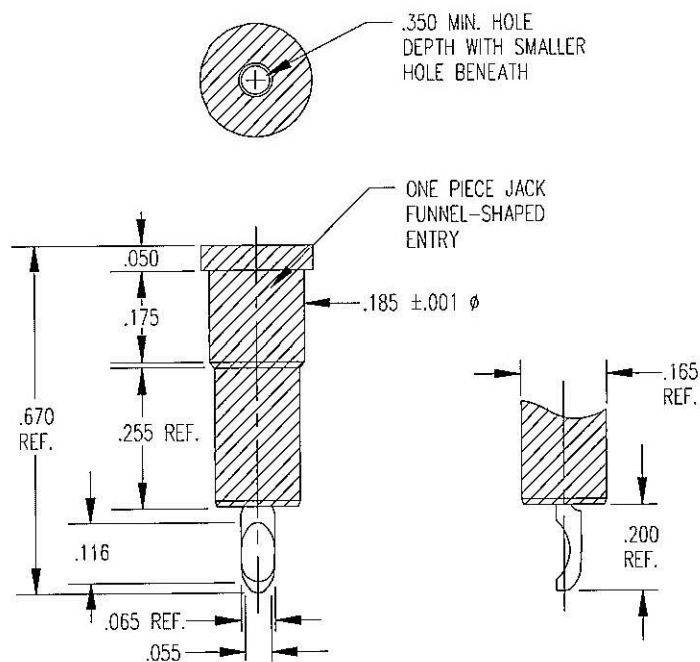
Pin Plating

G - Gold over Nickel

T - Tin over Nickel

Insulation Color

10 - Black
11 - Brown
12 - Red
13 - Orange
14 - Yellow
15 - Green
16 - Blue
17 - Violet
18 - Gray
19 - White (Standard)



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

M55155

MIL-T-55155-6

SPECIFICATIONS

Terminal Material: Brass

Alloy 360 1/2 hard

Insulation: Teflon

Terminal Plating: Gold over
Nickel or Silver over Nickel

Note: All dimensions are in inches

MIL-T-551558-7

SPECIFICATIONS

Terminal Material: Brass

Alloy 360 1/2 hard

Insulation: Teflon

Terminal Plating: Gold over
Nickel or silver over Nickel

Note: All dimensions are in inches

Insulated Feed-Thru Terminals

Ordering Information

FT06

FT06-0-B01

Series

Color Code

0 - Black

5 - Green

1 - Brown

6 - Blue

2 - Red

7 - Violet

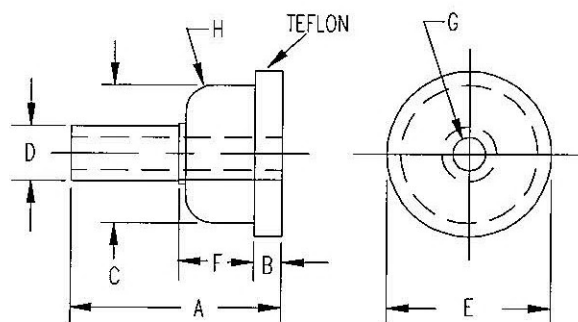
3 - Orange

8 - Gray

4 - Yellow

9 - White

P/N	A	B	C	D	E	F	G	H
FT06-X-B01	.193	.025	.125	.050	.150	.063	.030	.015 X 45°
FT06-X-B02	.367	.050	.148	.085	.172	.110	.063	.015 X 45°



Ordering Information

SE07

SE07-0-B01

Series

Color Code

0 - Black

5 - Green

1 - Brown

6 - Blue

2 - Red

7 - Violet

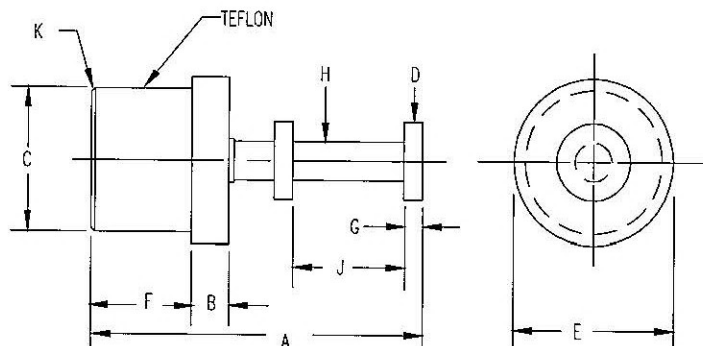
3 - Orange

8 - Gray

4 - Yellow

9 - White

P/N	A	B	C	D	E	F	G	H	J	K
SE07-X-B01	.359	.040	.148	.080	.172	.110	.020	.040	.120	.015 X 45°
SE07-X-B02	.421	.125	.165	.093	.187	.150	.020	.045	.068	.015 X 45°
SE07-X-B03	.350	.040	.093	.080	.125	.100	.020	.040	.120	.015 X 45°



ELPAKCO, INC.

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M55155

MIL-T-55155-8

SPECIFICATIONS

Terminal Material: Brass

Alloy 360 1/2 hard

Insulation: Teflon

Terminal Plating: Gold over Nickel or Silver over Nickel

Note: All dimensions are in inches

MIL-T-55155-3

SPECIFICATIONS

Terminal Material: Brass

Alloy 360 1/2 hard

Insulation: Teflon

Terminal Plating: Gold over Nickel or silver over Nickel

Note: All dimensions are in inches

Insulated Feed-Thru Terminals

Ordering Information

SE08

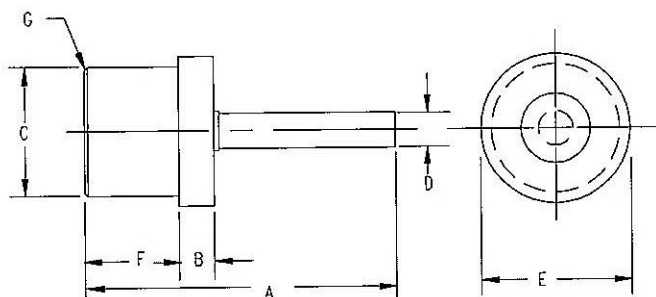
SE08-0-B01

Series

Color Code

- | | |
|------------|------------|
| 0 - Black | 5 - Green |
| 1 - Brown | 6 - Blue |
| 2 - Red | 7 - Violet |
| 3 - Orange | 8 - Gray |
| 4 - Yellow | 9 - White |

P/N	A	B	C	D	E	F	G
SE08-X-B01	.350	.040	.148	.040	.172	.100	.015 X 45°
SE08-X-B02	.350	.040	.093	.040	.125	.100	.015 X 45°



Ordering Information

FT03

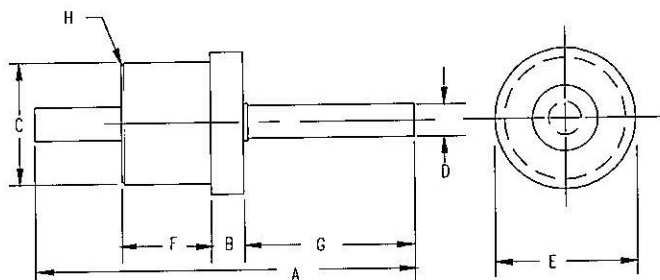
FT03-0-B01

Series

Color Code

- | | |
|------------|------------|
| 0 - Black | 5 - Green |
| 1 - Brown | 6 - Blue |
| 2 - Red | 7 - Violet |
| 3 - Orange | 8 - Gray |
| 4 - Yellow | 9 - White |

P/N	A	B	C	D	E	F	G	H
FT03-X-B01	.375	.040	.148	.040	.172	.100	.125	.015 X 45°
FT03-X-B02	.515	.040	.148	.040	.172	.100	.210	.015 X 45°
FT03-X-B03	.675	.125	.165	.040	.187	.150	.200	.015 X 45°
FT03-X-B04	.515	.040	.093	.040	.125	.100	.210	.015 X 45°
FT03-X-B05	.343	.040	.093	.040	.125	.100	.125	.015 X 45°



ELPAKCO, INC.

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M55155

MIL-T-55155-4

SPECIFICATIONS

Terminal Material: Brass

Alloy 360 1/2 hard

Insulation: Teflon

Terminal Plating: Gold over
Nickel or Silver over Nickel

Note: All dimensions are in inches

MIL-T-55155-5

SPECIFICATIONS

Terminal Material: Brass

Alloy 360 1/2 hard

Insulation: Teflon

Terminal Plating: Gold over
Nickel or silver over Nickel

Note: All dimensions are in inches

Insulated Feed-Thru Terminals

Ordering Information

FT04

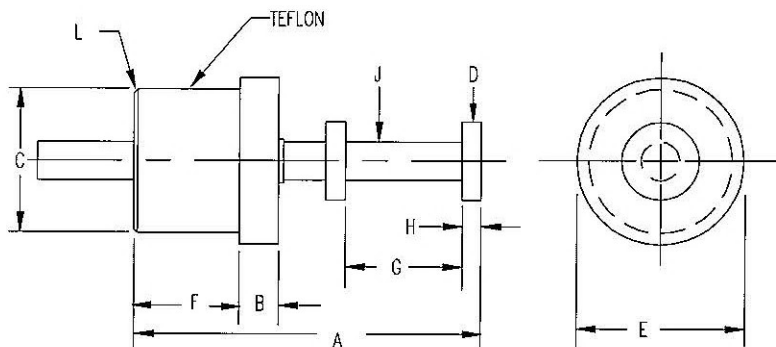
FT04-0-B01

Series

Color Code

0 - Black	5 - Green
1 - Brown	6 - Blue
2 - Red	7 - Violet
3 - Orange	8 - Gray
4 - Yellow	9 - White

P/N	A	B	C	D	E	F	G	H	J	K	L
FT04-X-B01	.500	.040	.148	.080	.172	.100	.210	.020	.040	.100	.015 X 45°
FT04-X-B02	.836	.125	.148	.093	.172	.230	.250	.020	.040	.093	.015 X 45°
FT04-X-B03	.500	.040	.093	.080	.125	.100	.210	.020	.040	.100	.015 X 45°



Ordering Information

FT05

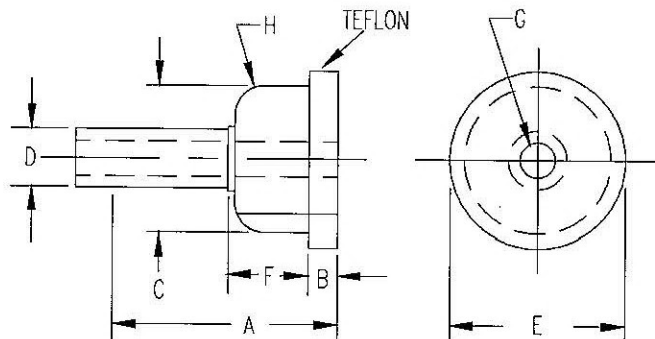
FT05-0-B01

Series

Color Code

0 - Black	5 - Green
1 - Brown	6 - Blue
2 - Red	7 - Violet
3 - Orange	8 - Gray
4 - Yellow	9 - White

P/N	A	B	C	D	E	F	G	H
FT05-X-B01	.225	.040	.093	.040	.125	.060	.030	.015 X 45°
FT05-X-B02	.310	.050	.120	.040	.130	.053	.030	.015 X 45°
FT05-X-B03	.367	.050	.148	.085	.172	.110	.063	.015 X 45°



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

One Piece Pin Receptacles

SPECIFICATIONS

Pin Material: Beryllium Copper
Alloy 172 1/2 HD and Heat
Treated After Forming

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

99 - G

Basic Part Number

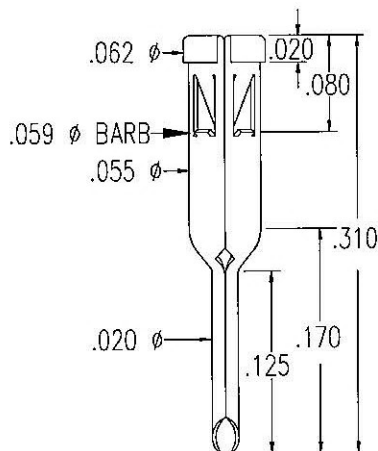
99 - Pony Pin (Press-fit)
98 - Polo Pin (Straight)
12 - Pinto Pin (.050" Spacing Appl.)
2220 - Baby Pinto Pin (1mm)

Pin Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

98

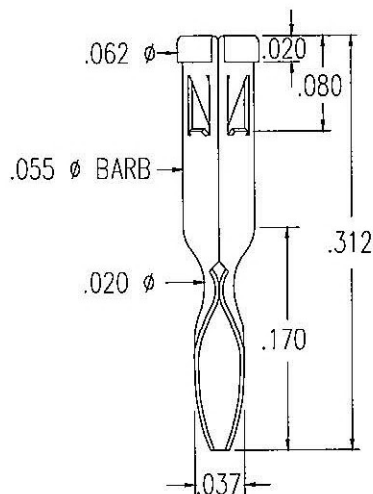
POLO PIN



Head - .056 Mtg. Hole
Accepts Leads: .017 $\varnothing$ & .025 Sq. Posts

99

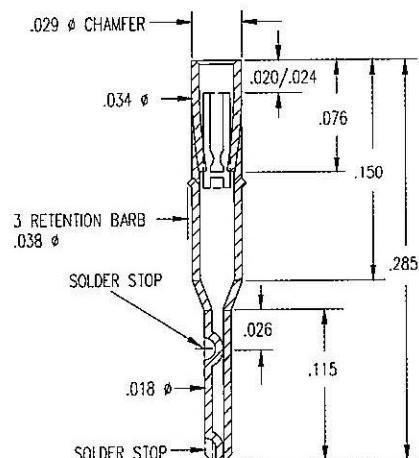
PONY PIN



Head - .056 Mtg. Hole, Tail - Press-fit in .030 $\pm$.003
Accepts Leads: .017 $\varnothing$ & .025 Sq. Posts

12

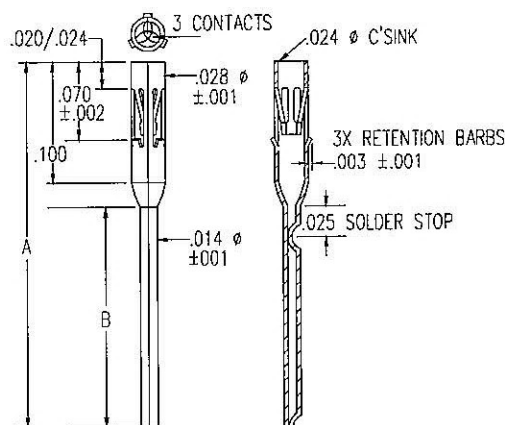
PINTO PIN



Insertion Force - 20g Avg. with
.018 $\varnothing$ Pin
Head - .035 Mtg. Hole
Accepts Leads: .015 - .022 $\varnothing$

2220

BABY PINTO PIN



Head - .030 Mtg. Hole
Tail - .016 Mtg. Hole
Accepts Leads: .014 $\varnothing$
& .012 Sq. Posts

P/N	A $\pm$.003	B $\pm$.003
2220-1	.300	.180
2220-2	.220	.100
2220-3	.180	.060
2220-4	.250	.130



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .014-.017 Ø Pins & .014 Ø & .012 Sq.

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

4281 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

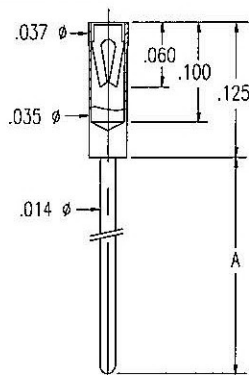
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

57 - 4281 Only (See Data on pages 112)

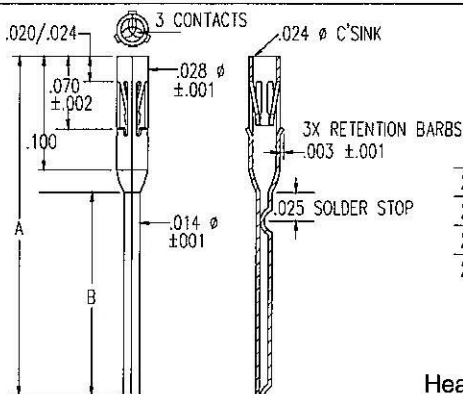
4281



.016 Min. Mtg. Hole

P/N	A
4281-1	.125
4281-2	.250

2220



One Piece BeCu - 1mm Spacing

Baby PINTOP PIN

P/N	A	B
2220-1	.300	.180
2220-2	.220	.100
2220-3	.180	.060
2220-4	.250	.130

Head Mtg. Hole - .030 Ø
Tail Mtg. Hole - .016 Ø min.



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .015-.021 Ø Pins

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

4000 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

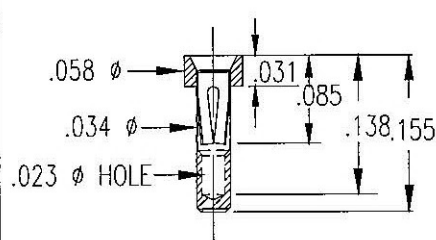
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

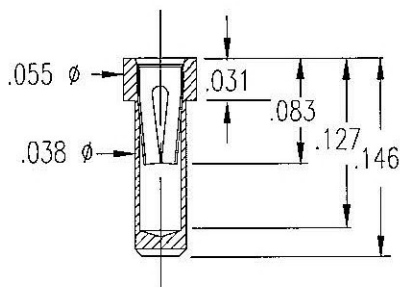
30-32 - (See Data on page 106)

4000



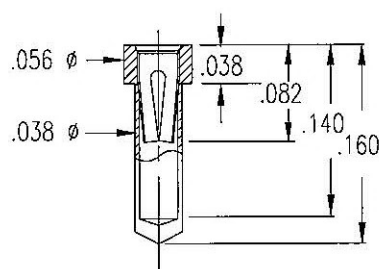
.036 Min. Mtg. Hole

4001



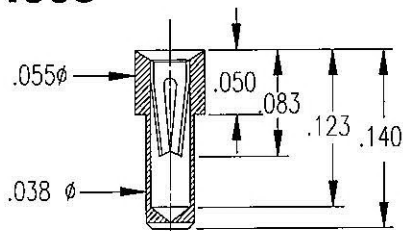
.040 Min. Mtg. Hole

4002



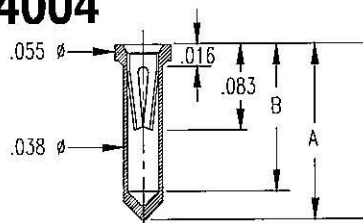
.040 Min. Mtg. Hole

4003



.040 Min. Mtg. Hole

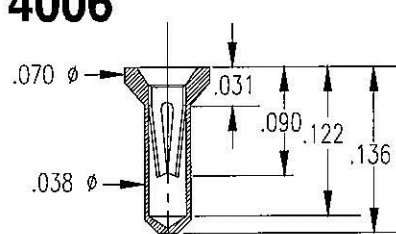
4004



P/N	A	B
4004-1	.136	.120
4004-2	.170	.150

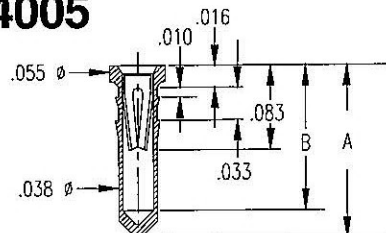
.040 Min. Mtg. Hole

4006



.040 Min. Mtg. Hole

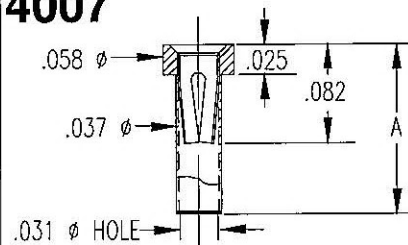
4005



P/N	A	B
4005-1	.140	.124
4005-2	.170	.154
4005-3	.245	.229

Hex Press-fit in .041 $\pm .002$ Mtg. Hole

4007



P/N	A
4007-1	.083
4007-2	.138

.039 Min. Mtg. Hole



ELPAKCO, INC.

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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .015-.021 Ø Pins

4008 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

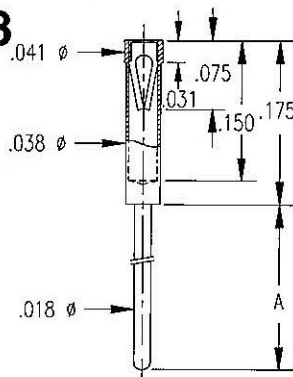
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

30-32 (See Data on page 106)

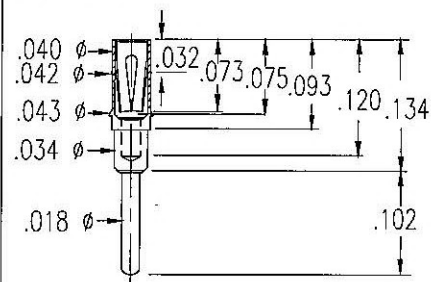
4008



.041 Min. Drill Mtg. Hole

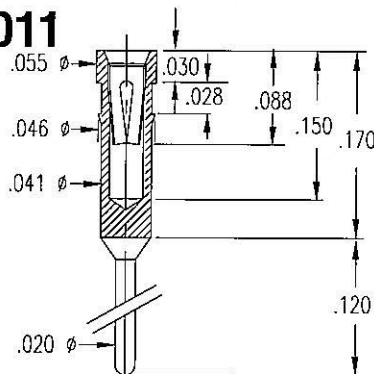
P/N	A
4008-1	.060
4008-2	.125
4008-3	.180
4008-4	.275
4008-5	.400
4008-6	.440

4010



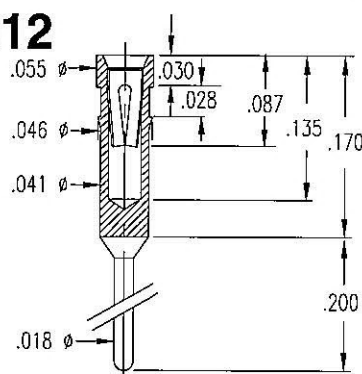
.041 Min. Mtg. Hole

4011



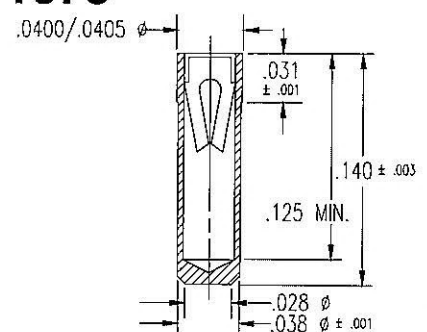
.043 Min. Mtg. Hole

4012



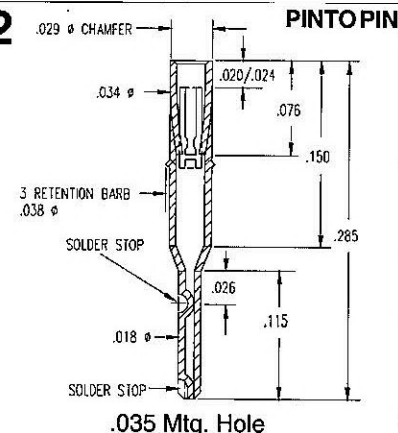
.043 Min. Mtg. Hole

1078



.0395 Min. Mtg. Hole

12



.035 Mtg. Hole



ELPAKCO, INC.

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Terminals

Pin Receptacles for .015-.021 Ø Pins

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - ± 0.005
Diameters - ± 0.002
Angles - 2°

Note: All dimensions are in inches

4016 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

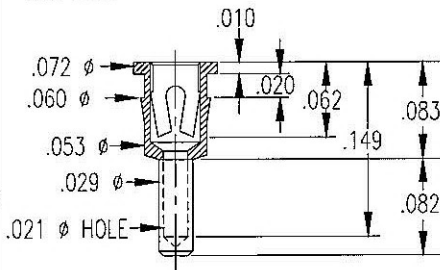
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

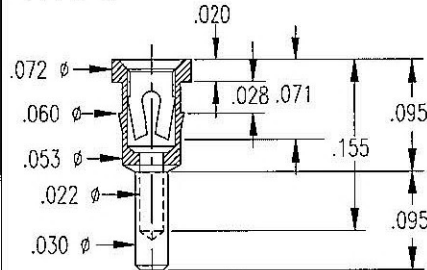
33 - 36 (See Data on page 109)

4013



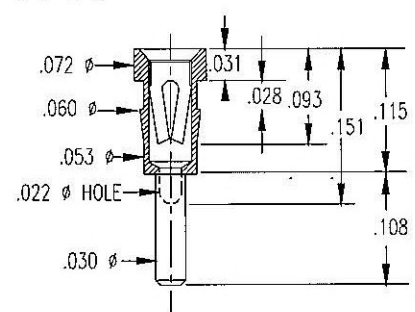
.057 Min. Mtg. Hole

4014



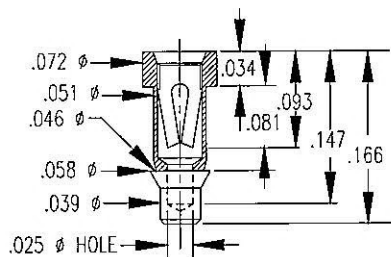
.057 Min. Mtg. Hole

4016



.057 Min. Mtg. Hole

4017



Surface Mount Pin



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .015-.025 Ø Pins

4015 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

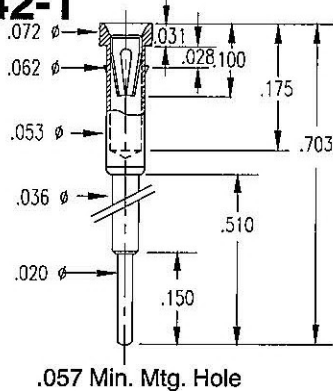
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

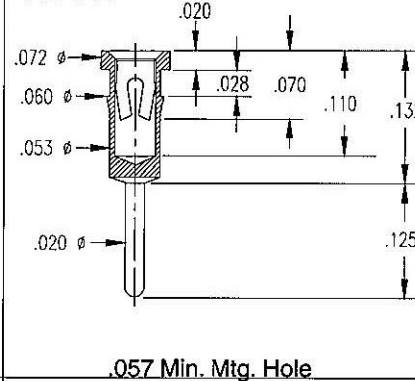
Contact Type

36 - (See Data on page 108)

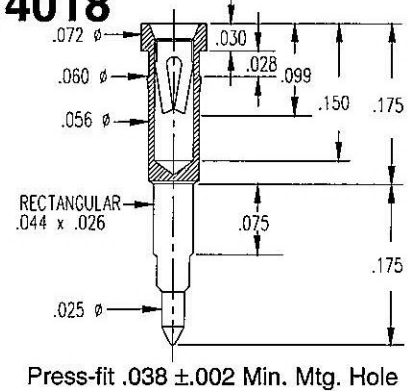
4042-1



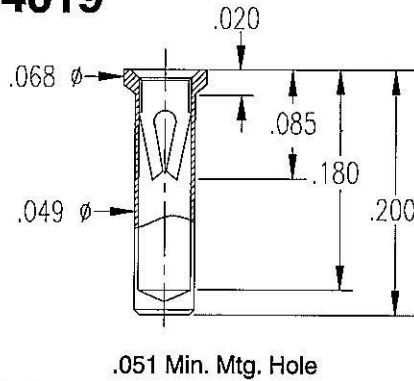
4015



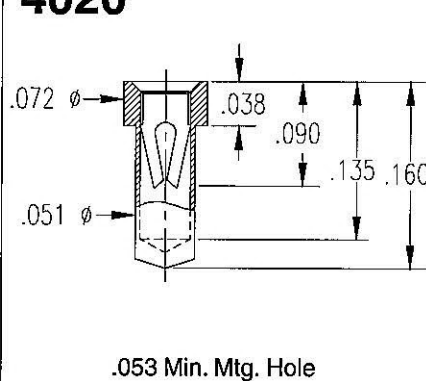
4018



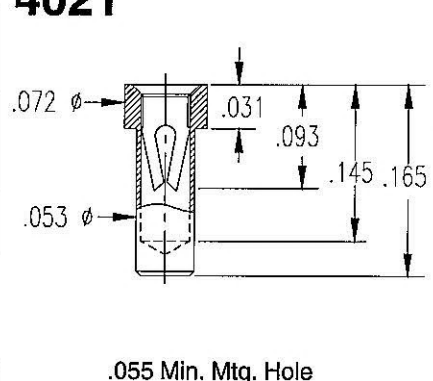
4019



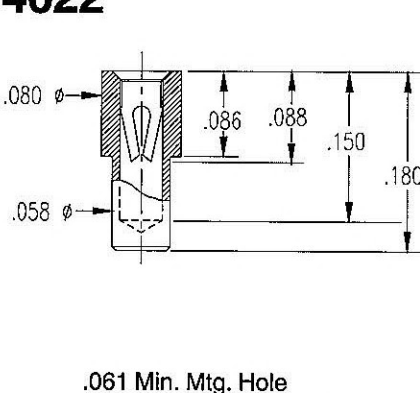
4020



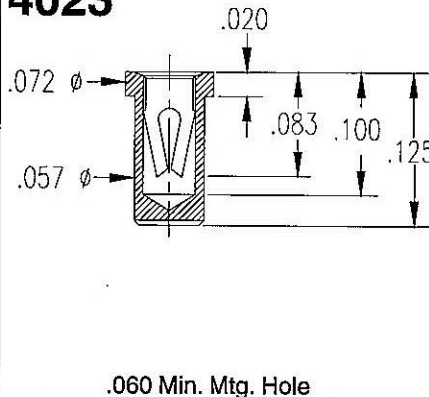
4021



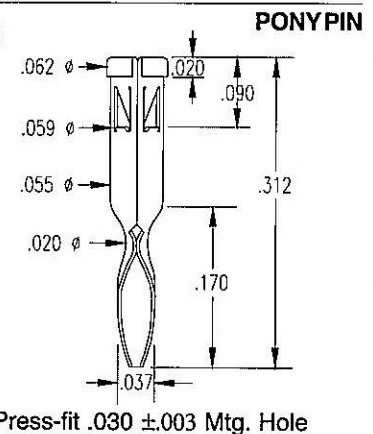
4022



4023



99



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .015-.025 Ø Pins

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

4025 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

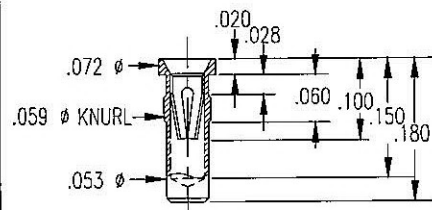
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

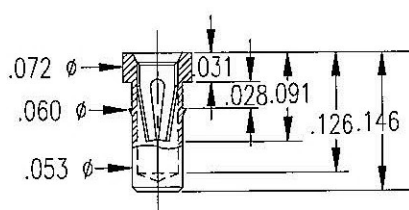
36 - 45 - (See Data on page 108-110)

4025



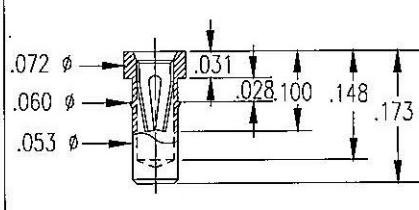
.057 Min. Mtg. Hole

4026



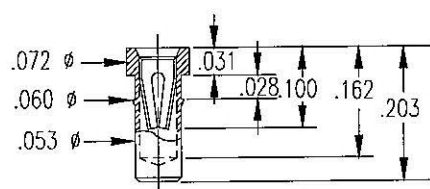
.057 Min. Mtg. Hole

4027



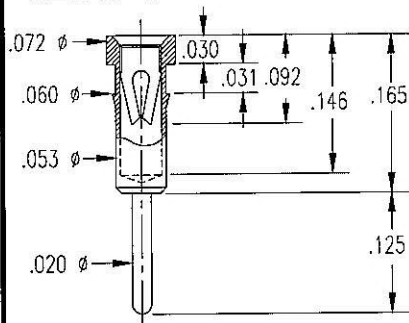
.057 Min. Mtg. Hole

4028



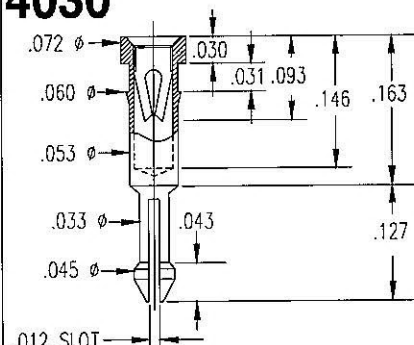
.057 Min. Mtg. Hole

4275-1



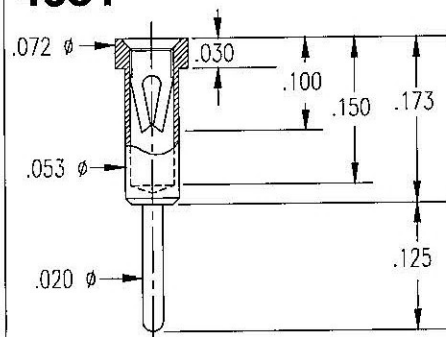
.057 Min. Mtg. Hole

4030



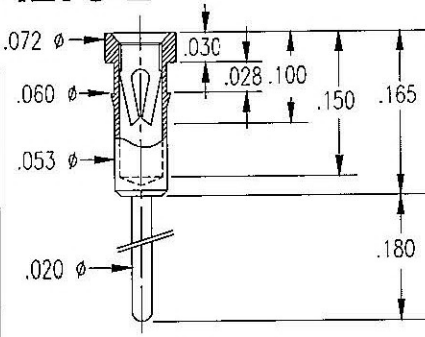
.038-.040 Hole Prior to Soldering

4031



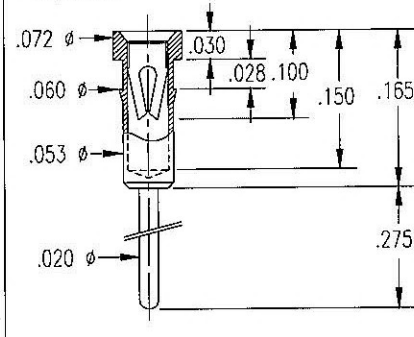
.022 or .057 Mtg. Hole

4275-2



.057 Min. Mtg. Hole

4033



.057 Min. Mtg. Hole



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .015-.025 $\varnothing$ Pins

4046 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

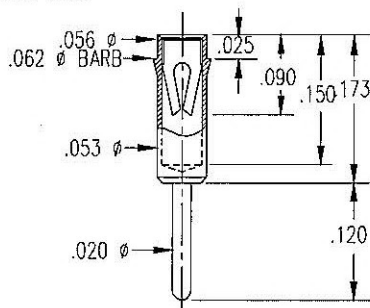
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

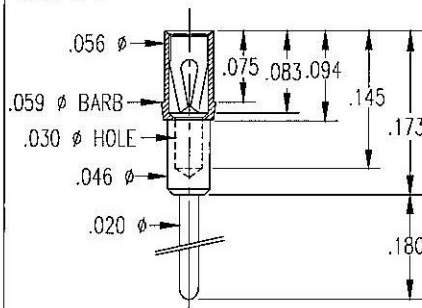
36 - (See Data on page 108)

4046



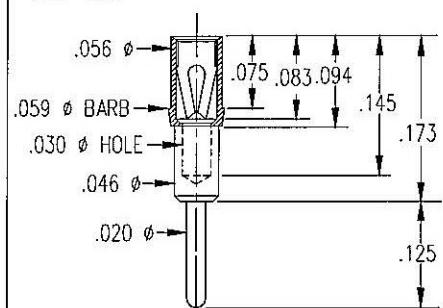
.059 Min. Mtg. Hole

4047



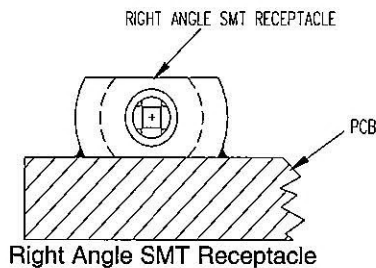
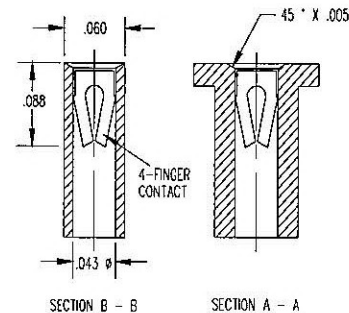
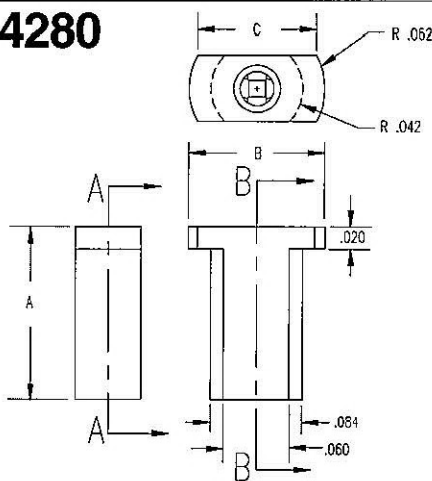
.057 Min. Mtg. Hole

4048



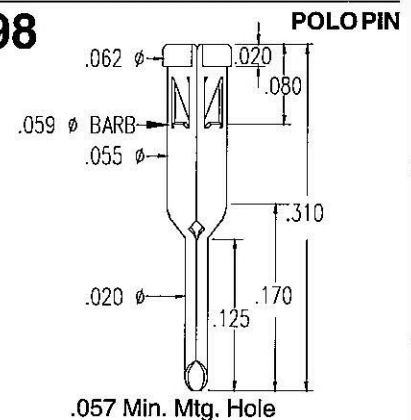
.057 Min. Mtg. Hole

4280

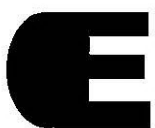
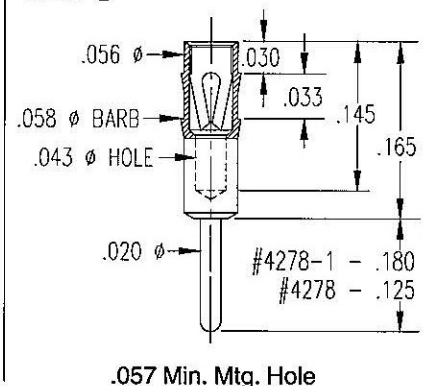


P/N	A	B	C
4280-1	.157	.125	.110
4280-2	.115	.100	.080
4280-3	.100	.100	.080

98



4278



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .015-.025 Ø Pins

4034 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

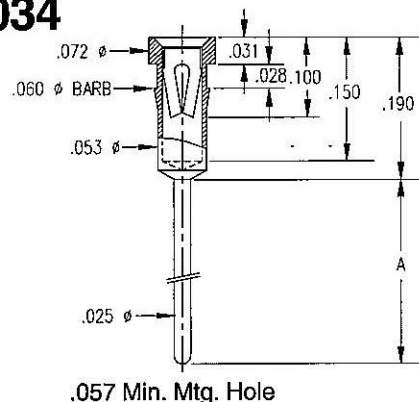
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

36 - (See Data on page 108)

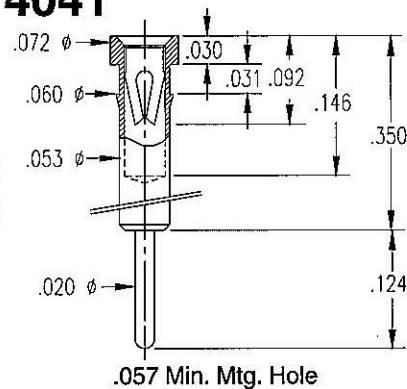
4034



.057 Min. Mtg. Hole

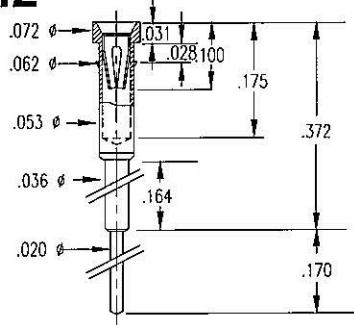
P/N	A
4034-1	.210
4034-2	.410
4034-3	.455
4034-4	.560
4034-5	.635
4034-6	.700
4034-7	1.215

4041



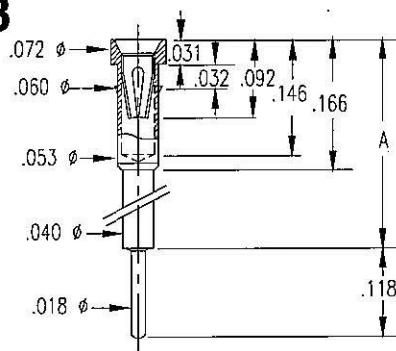
.057 Min. Mtg. Hole

4042



.057 Min. Mtg. Hole

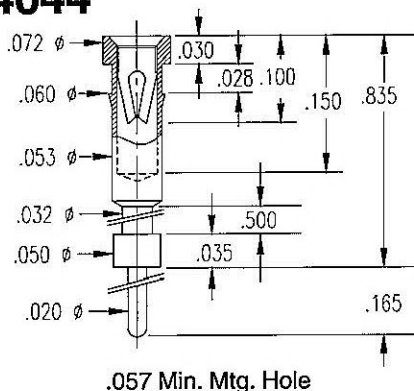
4043



.057 Min. Mtg. Hole

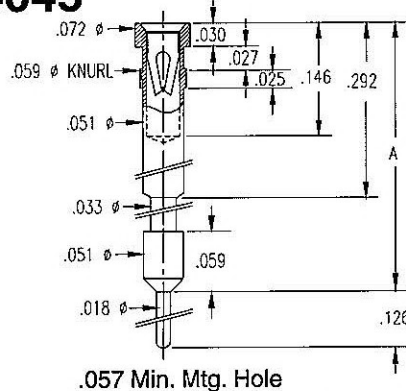
P/N	A
4043-1	.236
4043-2	.315
4043-3	.402
4043-4	.472
4043-5	.594
4043-6	.699

4044



.057 Min. Mtg. Hole

4045



.057 Min. Mtg. Hole

P/N	A
4045-1	.841
4045-2	1.141



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Wire Wrap Receptacles for .015-.025 $\varnothing$

4103 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

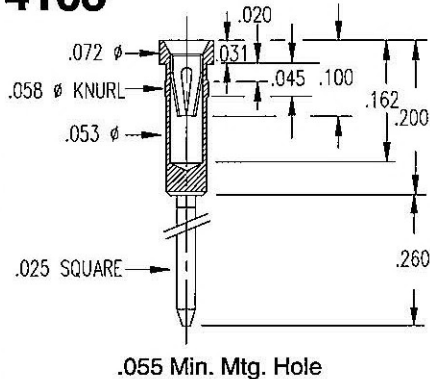
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

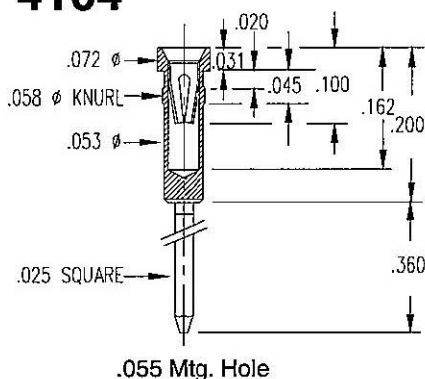
Contact Type

36 - 45 - (See Data on pages 108-110)

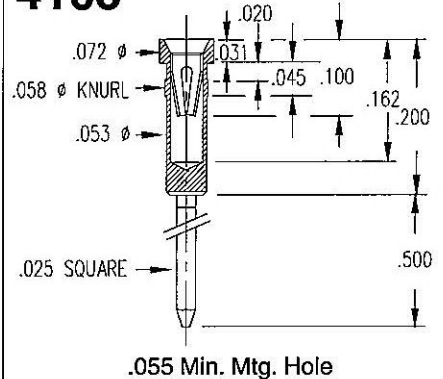
4103



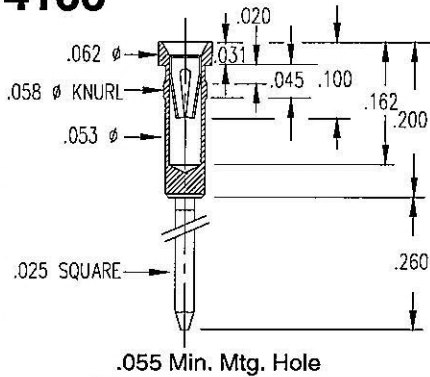
4104



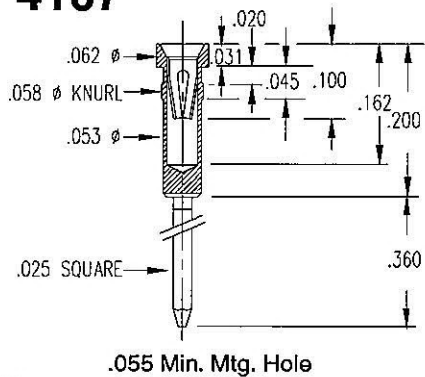
4105



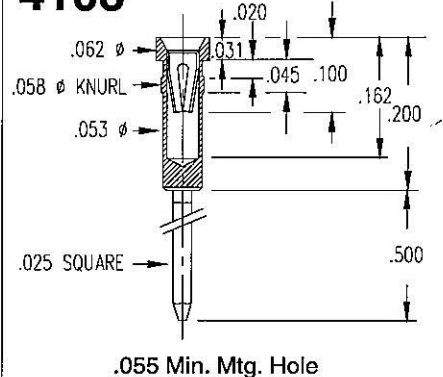
4106



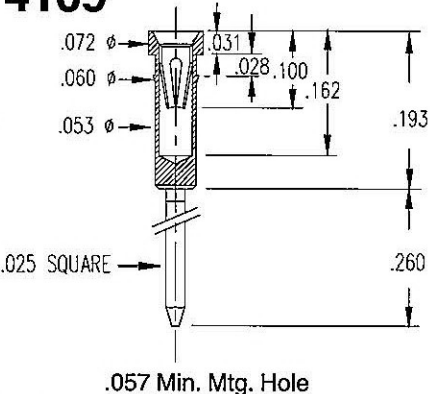
4107



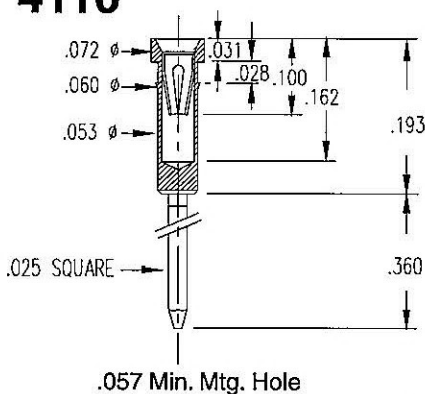
4108



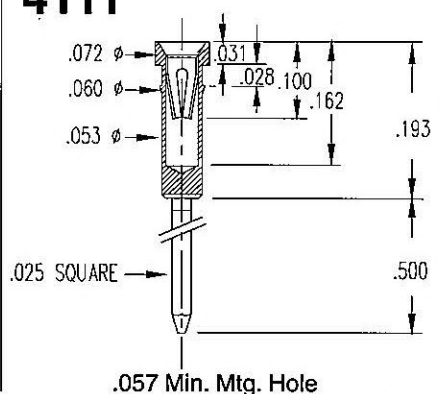
4109



4110



4111



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .025-.032 Ø Pins & .025 Sq. Post

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

4049 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

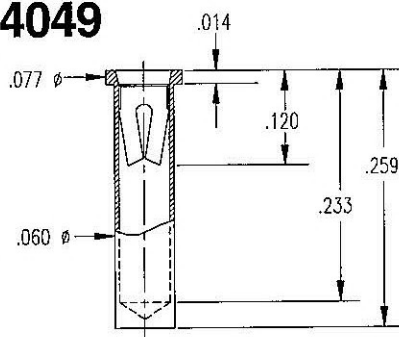
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

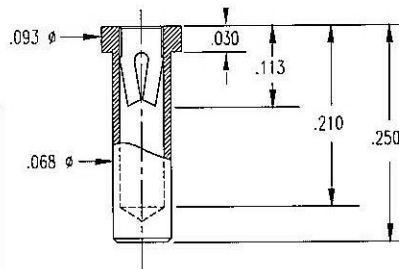
54 - (See Data on page 111)

4049



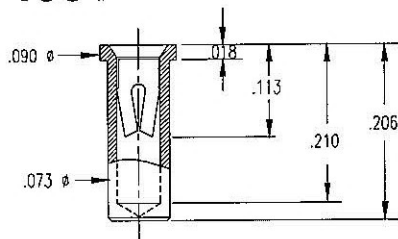
.063 Min. Mtg. Hole

4050



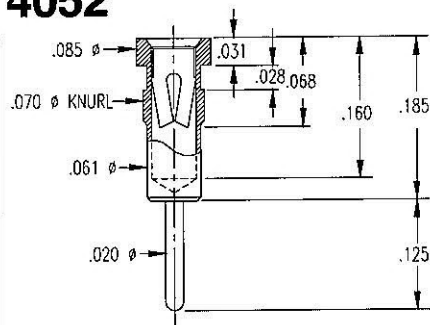
.071 Min. Mtg. Hole

4051



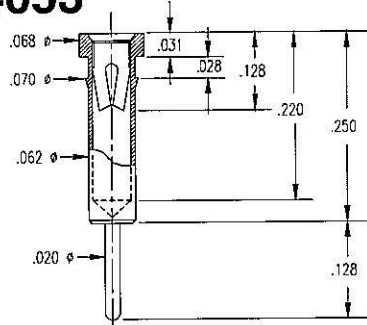
.076 Min. Mtg. Hole

4052



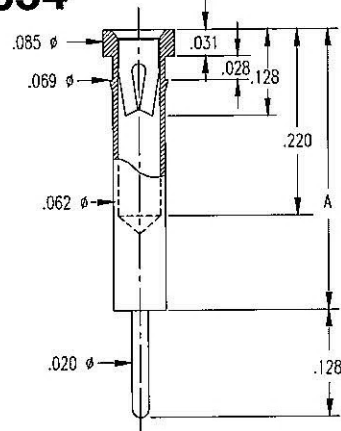
.067 Min. Mtg. Hole

4053



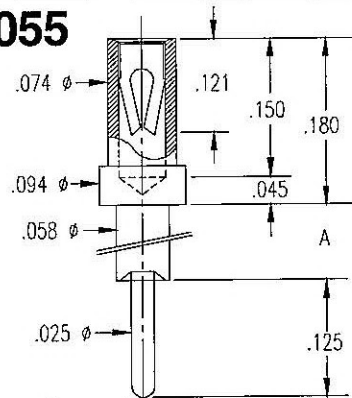
.067 Min. Mtg. Hole

4054



.067 Min. Mtg. Hole

4055



Swage Mount in .060 Hole

P/N	Board Thk	A
4055-1	.031	.051
4055-2	.062	.082
4055-3	.094	.113
4055-4	.125	.145

P/N	A
4054-1	.353
4054-2	.333
4054-3	.413



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .025-.032 Ø Pins & .025 Square Pins

SPECIFICATIONS

Terminal Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium

Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

4056 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

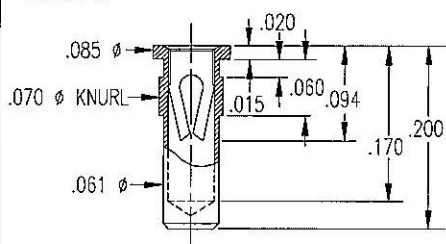
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

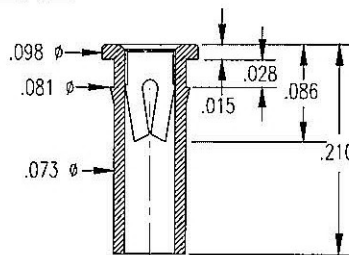
54 - (See Data on page 111)

4056



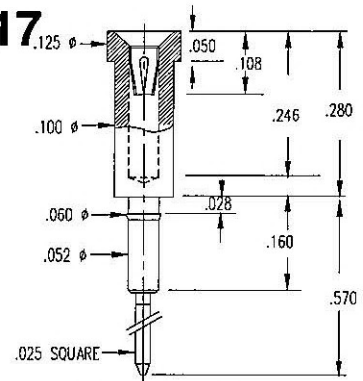
.067 Min. Mtg. Hole

4282



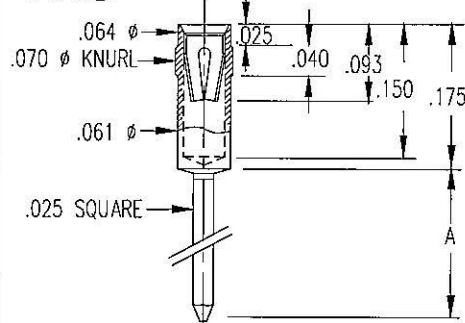
Press-fit in .078 Min. Mtg. Hole

4117



.057 Min. Mtg. Hole

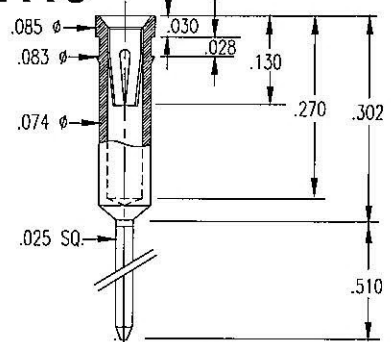
4115



.067 Min. Mtg. Hole

P/N	A
4115-1	.370
4115-2	.430

4116



.079 Min. Mtg. Hole



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .025-.032 Ø Pins & .025 Square Pins

SPECIFICATIONS

Terminal Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

4057 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

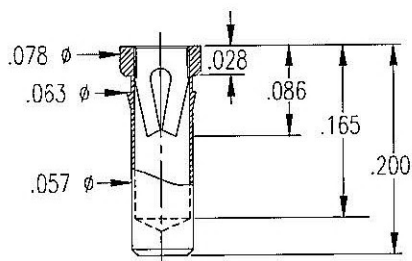
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

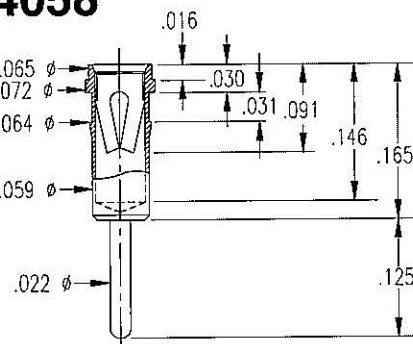
48 - (See Data on page 111)

4057



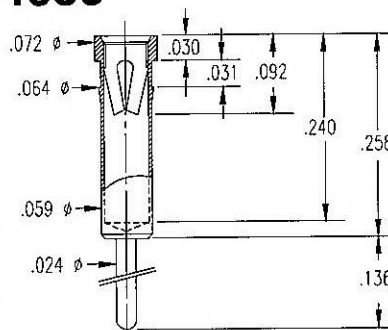
.061 Min. Mtg. Hole

4058



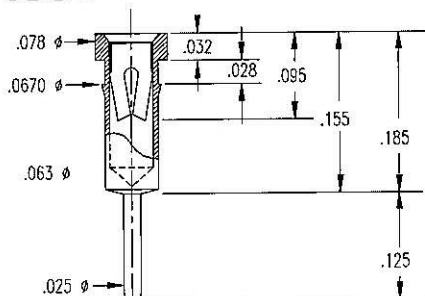
.061 Min. Mtg. Hole

4059



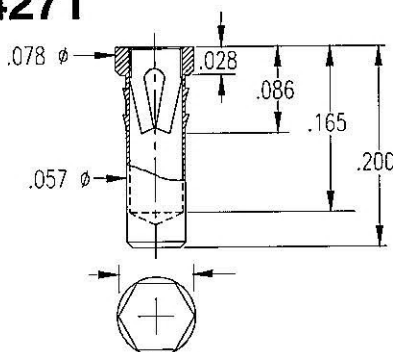
.061 Min. Mtg. Hole

4061



.067 Min. Mtg. Hole

4271



Hex Press-fit in .061 Min. Mtg. Hole



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .032-.047 $\varnothing$ Pins

4063 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

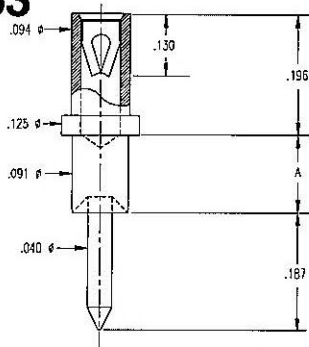
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

42 - (See Data on page 108)

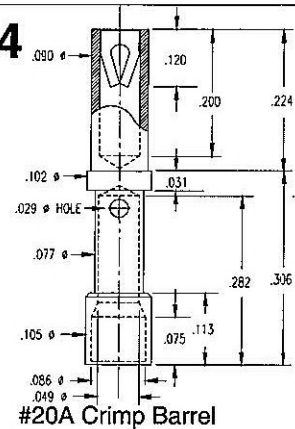
4063



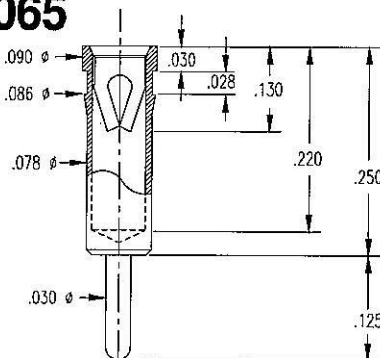
Swage Mount in .094 Min. Mtg. Hole

P/N	Board Thk	A
4063-1	.031	.062
4063-2	.062	.094
4063-3	.094	.125
4063-4	.125	.156
4063-5	.188	.219

4064

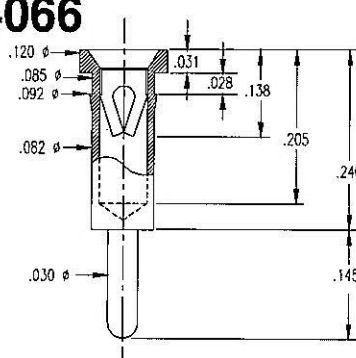


4065



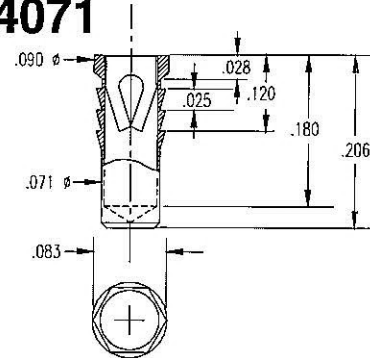
.082 Min. Mtg. Hole

4066



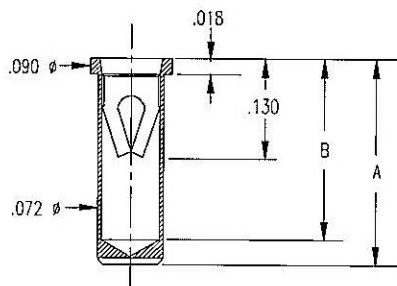
.089 Min. Mtg. Hole

4071



Hex Press-fit in .076 Min. Mtg. Hole

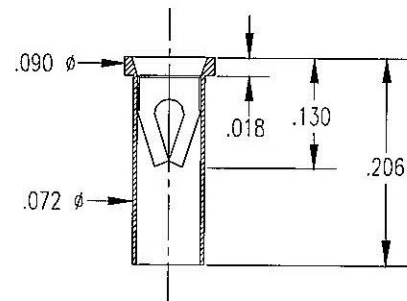
4067



.075 Min. Mtg. Hole

P/N	B	A
4067-1	.206	.180
4067-2	.226	.200
4067-3	.270	.241
4067-4	.280	.250

4072



.075 Min. Mtg. Hole



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .032-.047 Ø Pins

SPECIFICATIONS

Terminal Material: Brass Alloy

360, 1/2 Hard

Contact Material: Beryllium

Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$

Diameters - $\pm .002$

Angles - 2°

Note: All dimensions are in inches

4073 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel

02 - 10 μ " Gold over 100 μ " Nickel

03 - 30 μ " Gold over 100 μ " Nickel

04 - 50 μ " Gold over 100 μ " Nickel

Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel

12 - 10 μ " Gold over 50 μ " Nickel

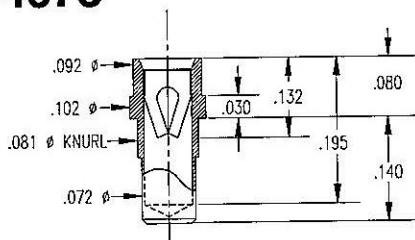
13 - 30 μ " Gold over 50 μ " Nickel

14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

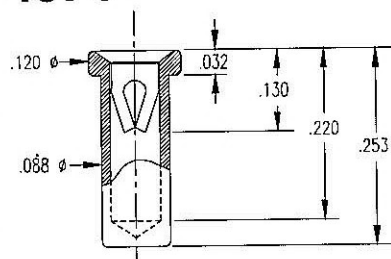
42 - (See Data on page 108)

4073



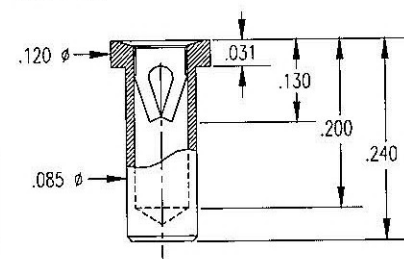
.078 Min. Mtg. Hole

4074



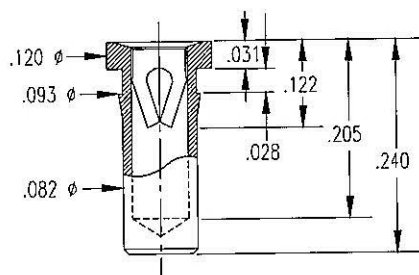
.091 Min. Mtg. Hole

4075



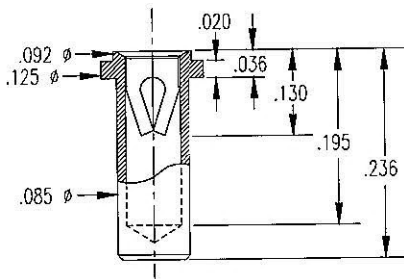
.087 Min. Mtg. Hole

4076



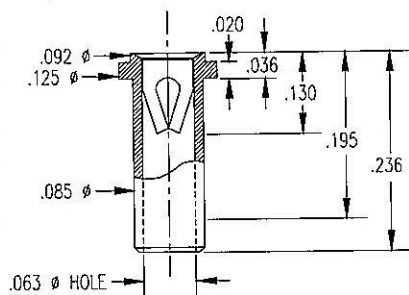
.089 Min. Mtg. Hole

4077



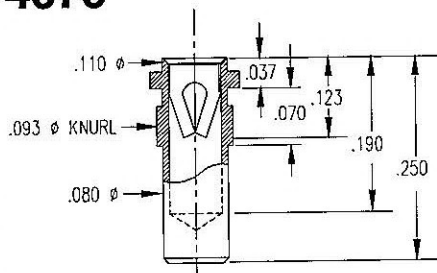
.087 Min. Mtg. Hole

4078



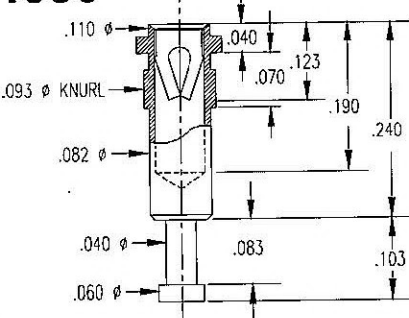
.087 Min. Mtg. Hole

4079



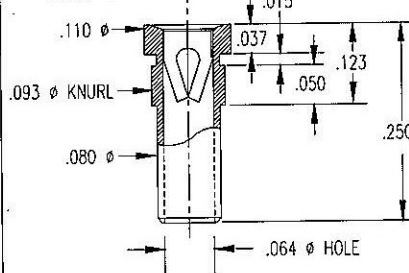
.089 Min. Mtg. Hole

4080



.089 Min. Mtg. Hole

4081



.089 Min. Mtg. Hole



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Pin Receptacles for .032-.047 Ø Pins

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

4082 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

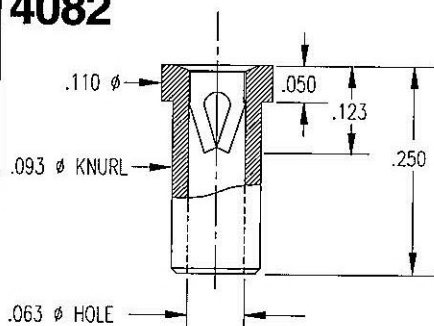
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

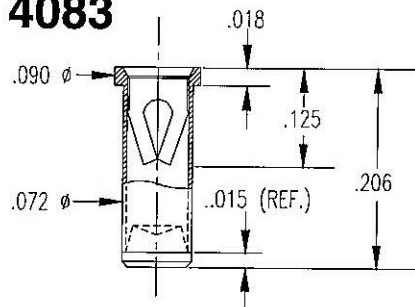
42 - (See Data on page 108)

4082



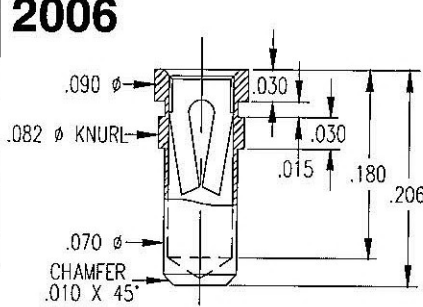
.102 Min. Mtg. Hole

4083



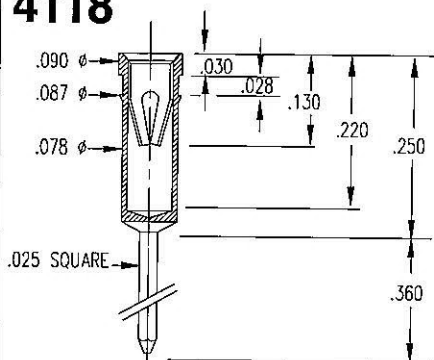
.075 Min. Mtg. Hole (Knock-out Bottom)

2006



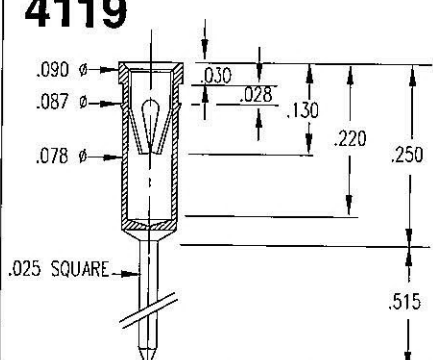
Press-fit in .078 Mtg. Hole

4118



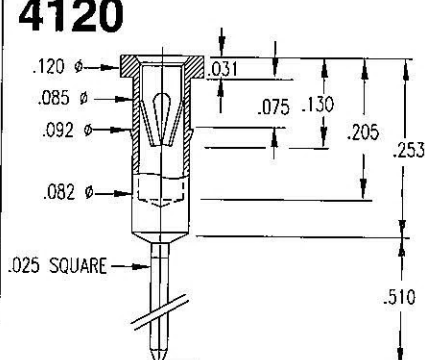
.083 Min. Mtg. Hole

4119



.083 Min. Mtg. Hole

4120



.087 Min. Mtg. Hole



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .040-.060 Ø Pins

4084 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

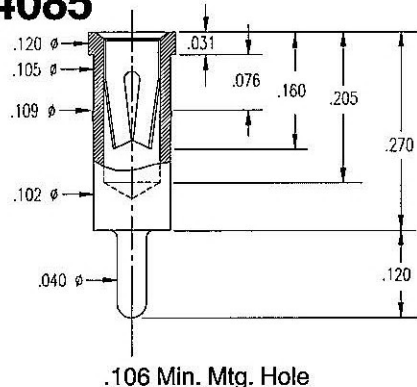
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

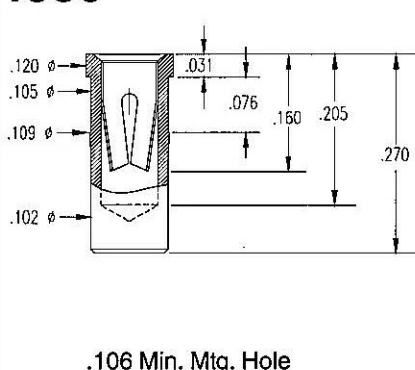
Contact Type

41 - 43 (#4084/#4276) - (See Data on pages 109-112)

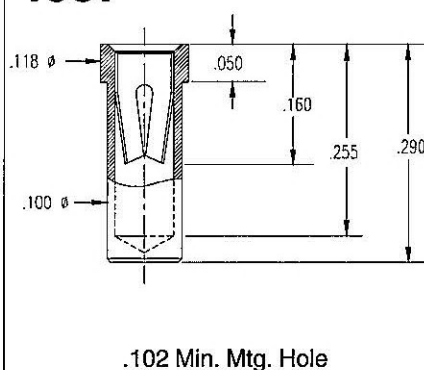
4085



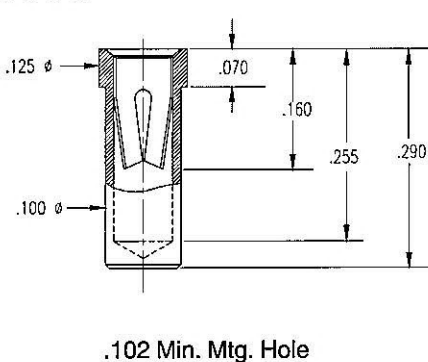
4086



4087

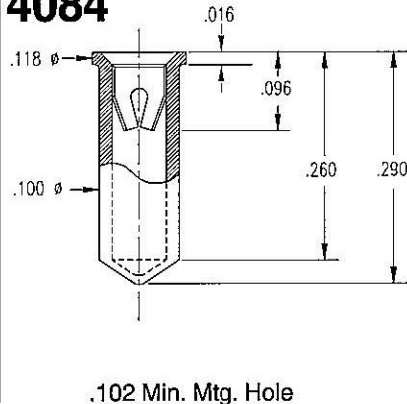


4088

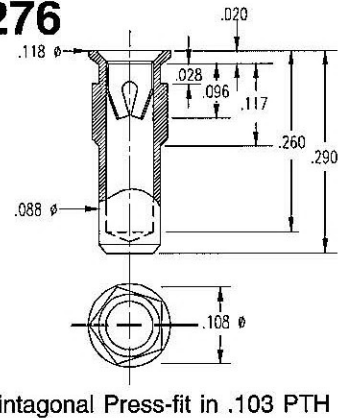


Pin Receptacles for .040-.050 Ø Pins

4084



4276



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .045-.067 $\varnothing$ Pins

4089 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

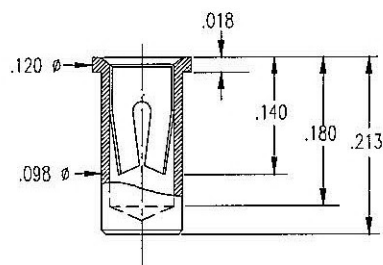
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

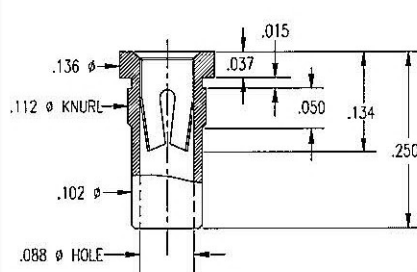
41 - (See Data on page 109)

4089



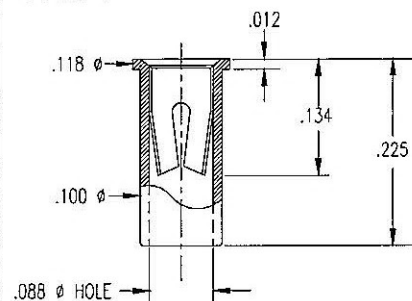
.102 Min. Mtg. Hole

4090



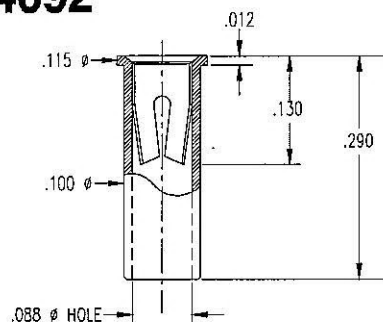
.108 Mtg. Hole

4091



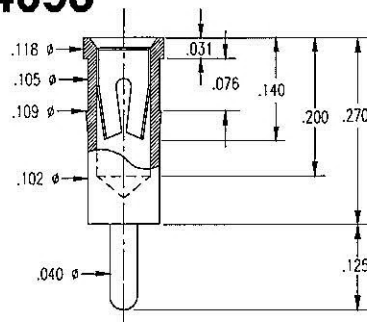
.102 Min. Mtg. Hole

4092



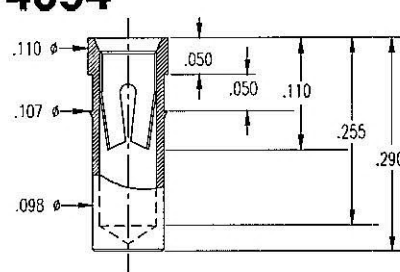
.102 Min. Mtg. Hole

4093



.106 Min. Mtg. Hole

4094



.102 Min. Mtg. Hole



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Contact Material: Beryllium
Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .065-.082 $\varnothing$ Pins

4095 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

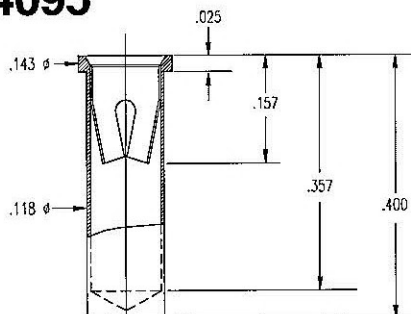
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

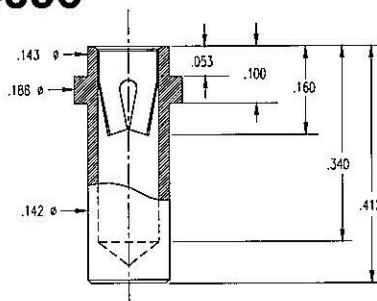
40 - (See Data on page 109)

4095



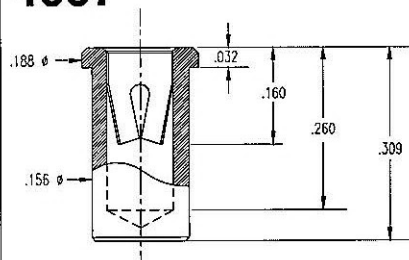
.120 Min. Mtg. Hole

4096



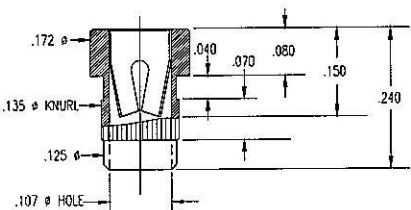
.144 Min. Mtg. Hole

4097



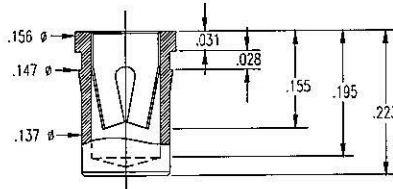
.159 Min. Mtg. Hole

4098



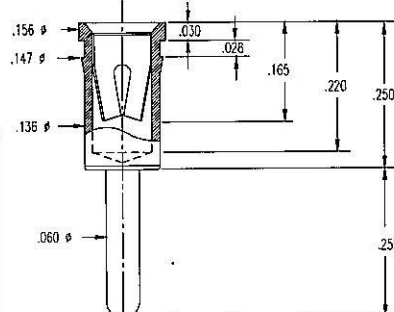
.130 Min. Mtg. Hole

4099



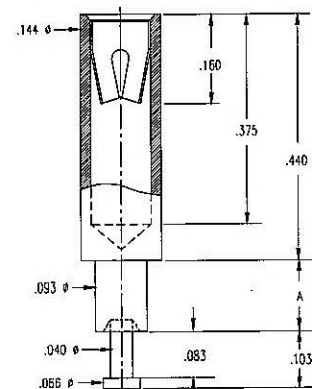
.142 Min. Mtg. Hole

4100



.142 Min. Mtg. Hole

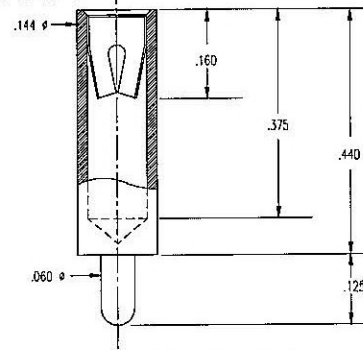
4102



Swage Mount in .096 Mtg. Hole

P/N	Board Thk	A
4102-1	.031	.062
4102-2	.062	.094
4102-3	.094	.125
4102-4	.125	.156
4102-5	.188	.219

4101



.063 Min. Mtg. Hole



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - ± 0.005
Diameters - ± 0.002
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

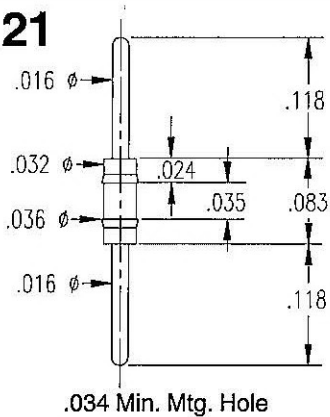
4121 - X - XX

Basic Part Number

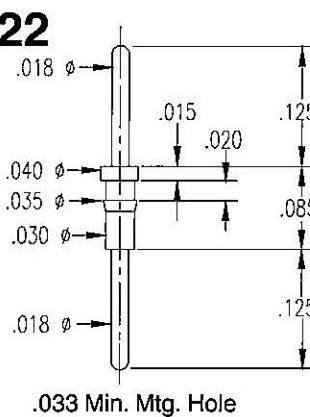
Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

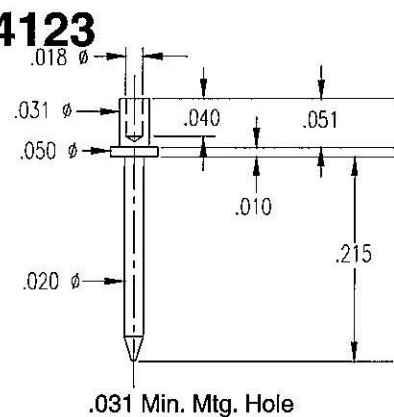
4121



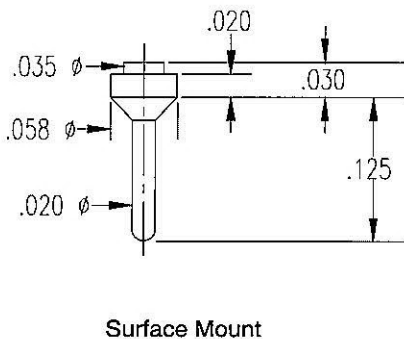
4122



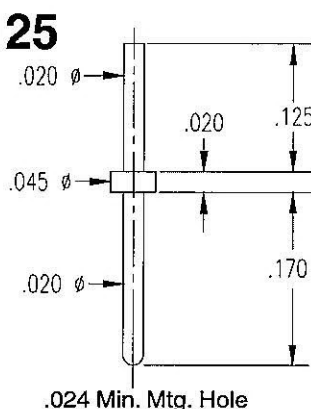
4123



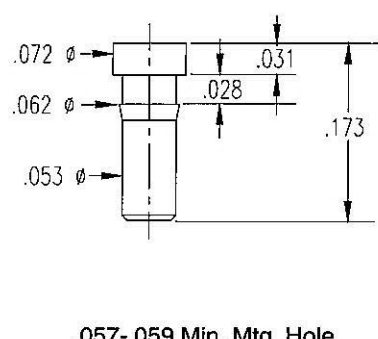
4124



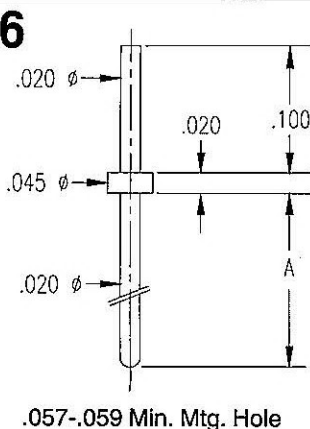
4125



4127

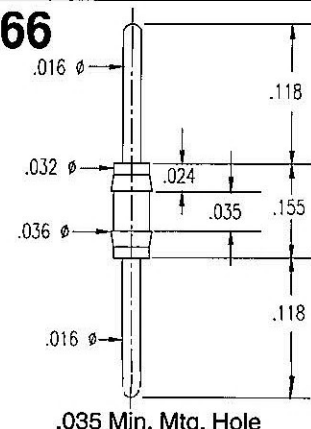


4126



P/N	A
4126-1	.250
4126-2	.425
4126-3	.525
4126-4	.550
4126-5	.930

1066



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

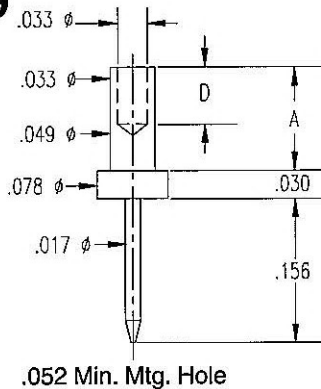
4129 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

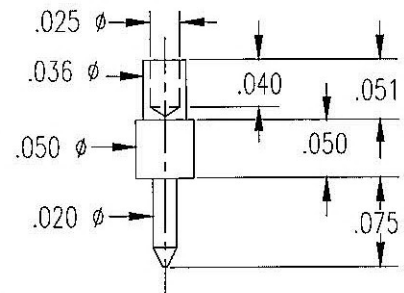
4129



P/N	A	D
4129-1	.051	.035
4129-2	.082	.062
4129-3	.113	.062
4129-4	.145	.062

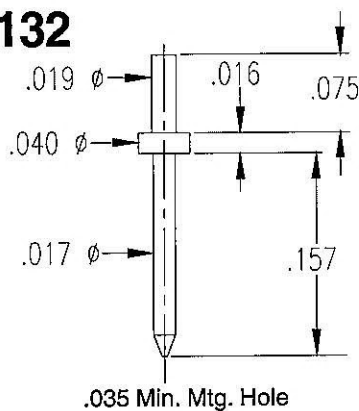
.052 Min. Mtg. Hole

4130



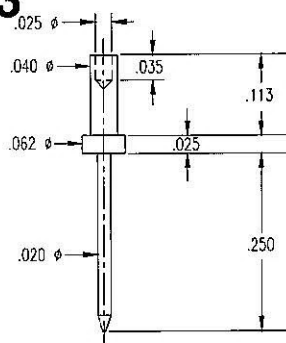
.040 Min. Mtg. Hole

4132



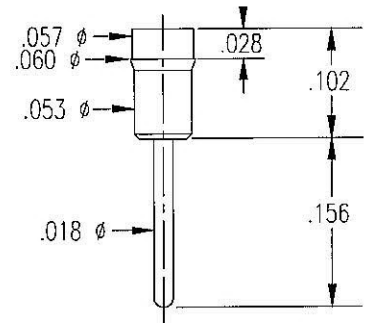
.035 Min. Mtg. Hole

4133



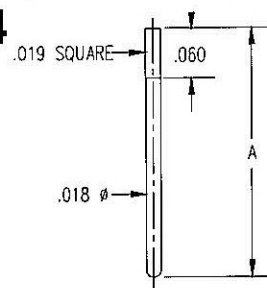
.043 Min. Mtg. Hole

4135



.057 Min. Mtg. Hole

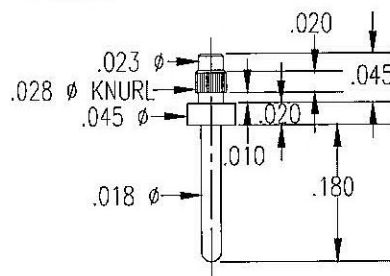
4134



P/N	A
4134-1	.303
4134-2	.200

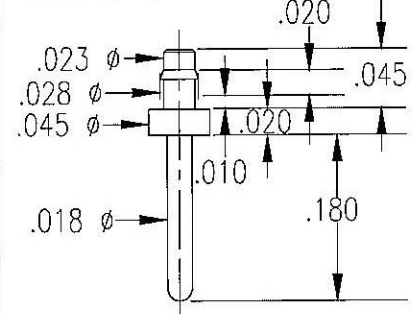
.022 Min. Mtg. Hole

4136



.026 Min. Mtg. Hole

4136-1



.026 Min. Mtg. Hole



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy 360, 1/2 Hard

Contact Material: Beryllium Copper Alloy 172 HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Pin Receptacles for .065-.082 $\varnothing$ Pins

4289 - X - XX - XX - XX

Basic Part Number

Terminal Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

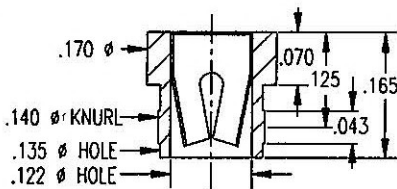
Contact Plating

11 - 150 μ " Tin over 50 μ " Nickel
12 - 10 μ " Gold over 50 μ " Nickel
13 - 30 μ " Gold over 50 μ " Nickel
14 - 50 μ " Gold over 50 μ " Nickel

Contact Type

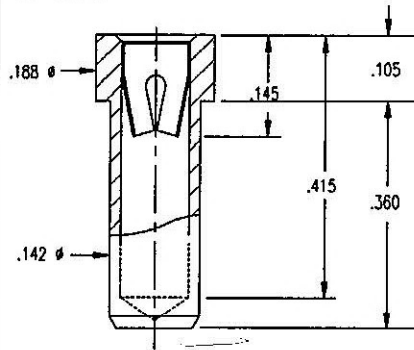
40 - 55 (See Data on page 109 & 112)

4290



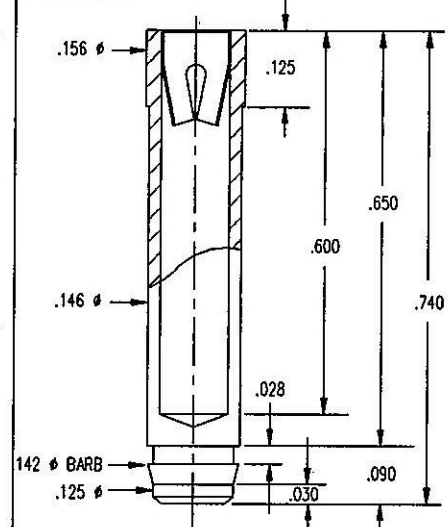
Press-fit in .138 Min. Mtg. Hole

4291



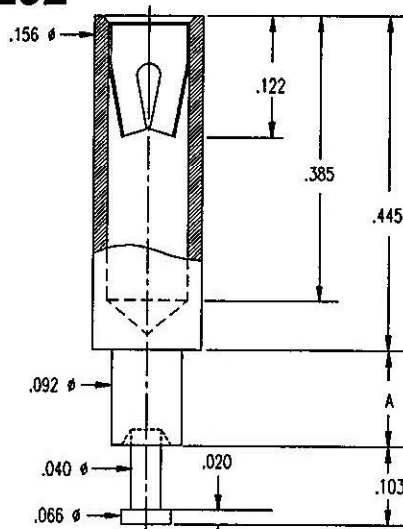
.144 Min. Mtg. Hole

4289



Press-fit in .136 Min. Mtg. Hole

4292



Swage Mount in .094 Mtg. Hole

P/N	Board Thk	A
4292-1	.062	.094
4292-2	.094	.125
4292-3	.125	.156



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

Printed Circuit Pins

SPECIFICATIONS

Terminal Material: Brass Alloy

360, 1/2 Hard

Tolerances: Lengths - $\pm .005$

Diameters - $\pm .002$

Angles - 2°

Note: All dimensions are in inches

4145 - X - XX

Basic Part Number

Pin Plating

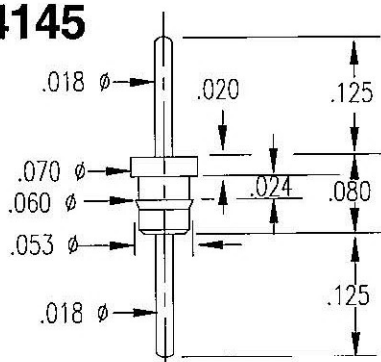
01 - 200 μ " Tin over 100 μ " Nickel

02 - 10 μ " Gold over 100 μ " Nickel

03 - 30 μ " Gold over 100 μ " Nickel

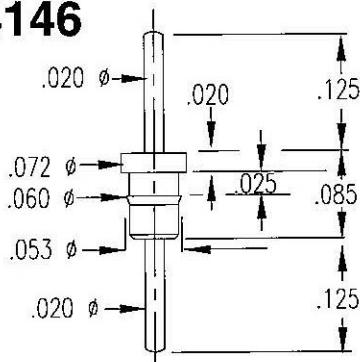
04 - 50 μ " Gold over 100 μ " Nickel

4145



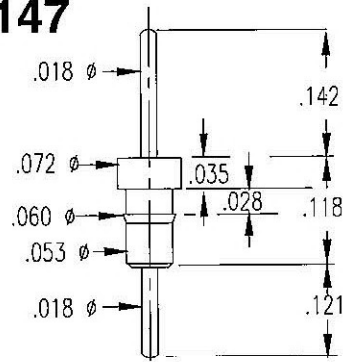
.057 Min. Mtg. Hole

4146



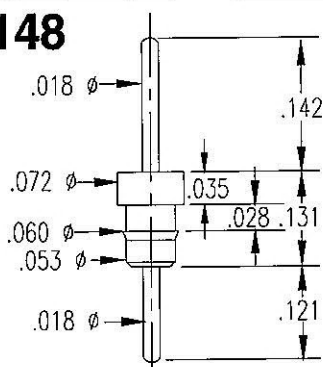
.057 Min. Mtg. Hole

4147



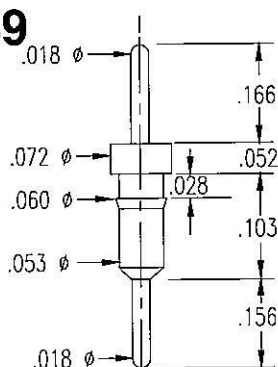
.057 Min. Mtg. Hole

4148



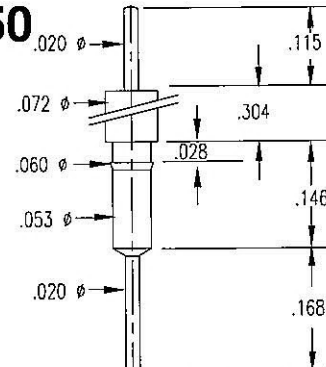
.057 Min. Mtg. Hole

4149



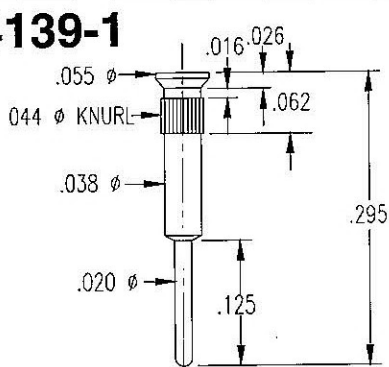
.057 Min. Mtg. Hole

4150



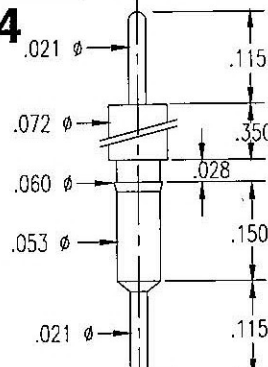
.057 Min. Mtg. Hole

4139-1



.040 Min. Mtg. Hole

4154



.057 Min. Mtg. Hole



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

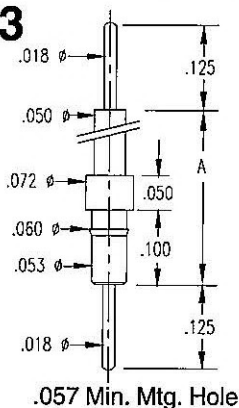
4153 - X - XX

Basic Part Number

Pin Plating

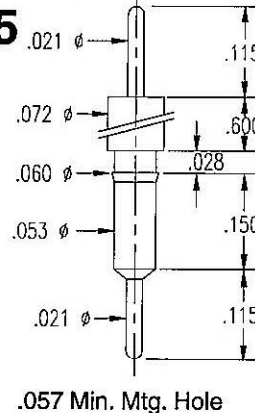
01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

4153

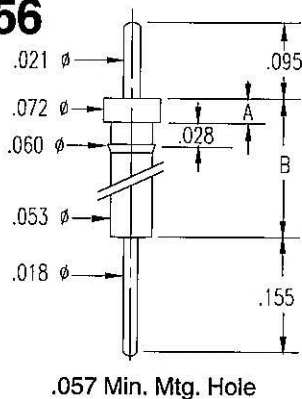


P/N	A
4153-1	.210
4153-2	.335
4153-3	.585
4153-4	.835

4155

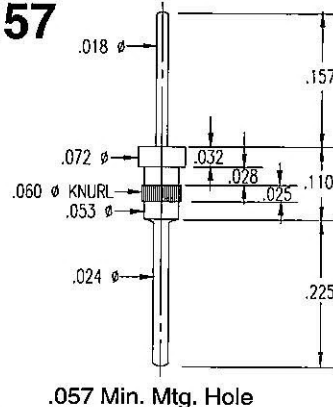


4156

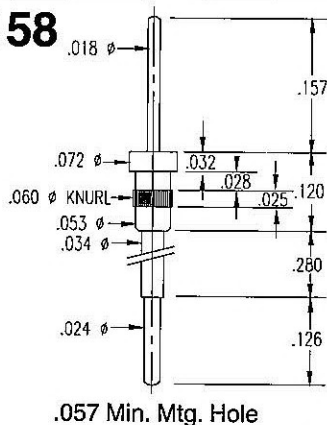


P/N	K	S
4156-1	.030	.190
4156-2	.040	.430

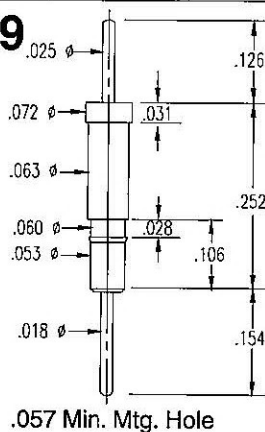
4157



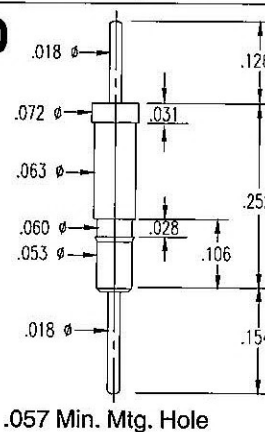
4158



4159



4160



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

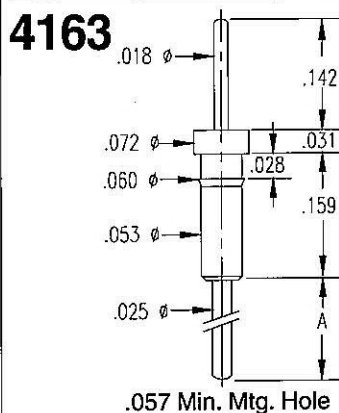
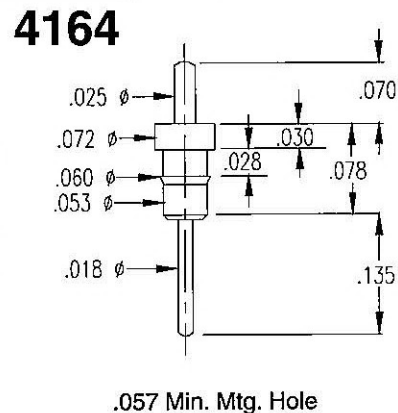
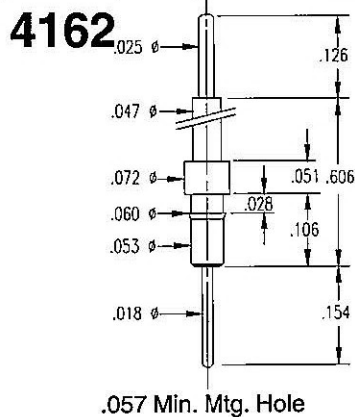
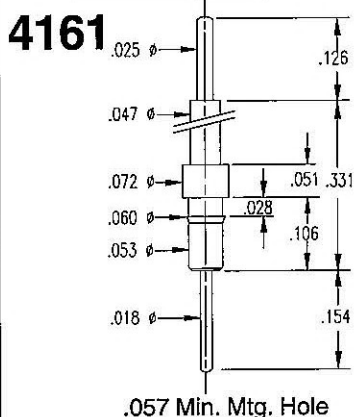
Printed Circuit Pins

4161 - X - XX

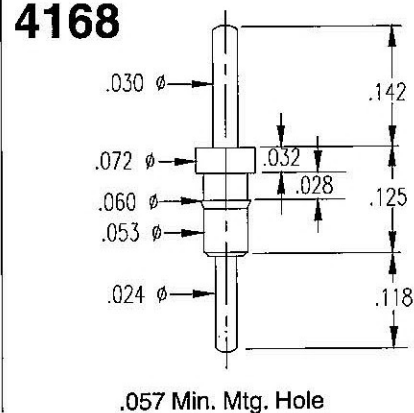
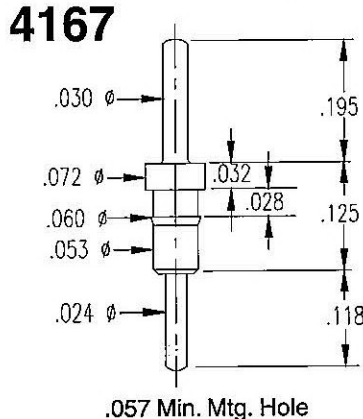
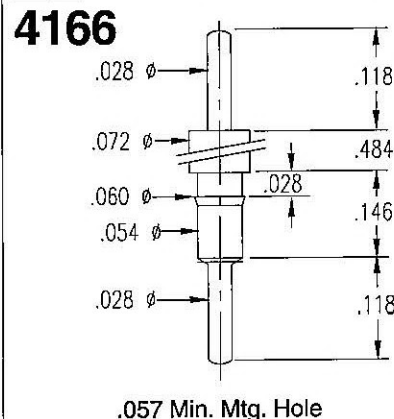
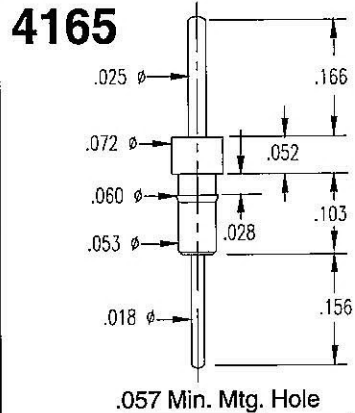
Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel



P/N	A
4163-1	.210
4163-2	.410



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2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

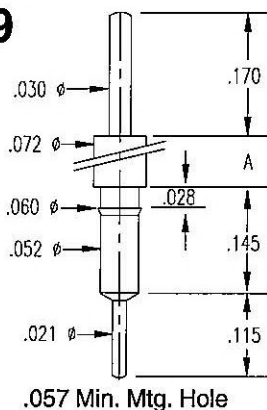
4169 - X - XX

Basic Part Number

Pin Plating

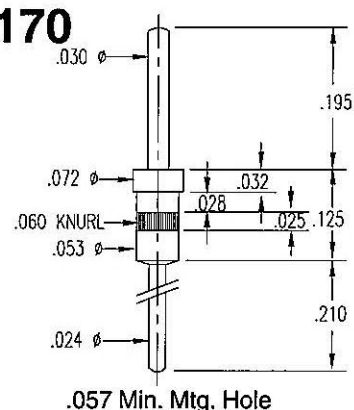
01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

4169

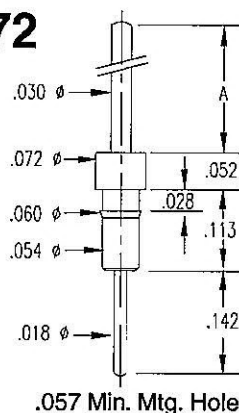


P/N	A
4169-1	.052
4169-2	.100
4169-3	.170
4169-4	.460
4169-5	.934

4170

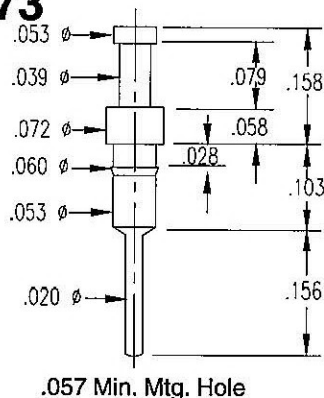


4172

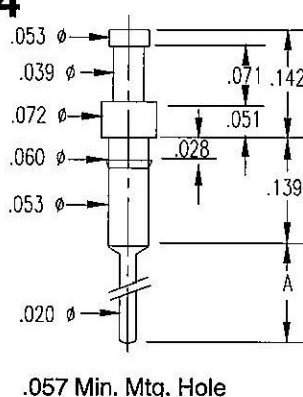


P/N	A
4172-1	.417
4172-2	.217

4173



4174



P/N	A
4174-1	.121
4174-2	.181



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

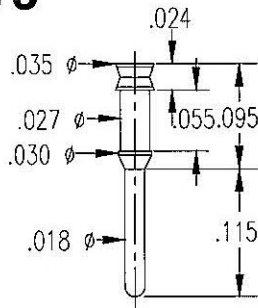
4176 - X - XX

Basic Part Number

Pin Plating

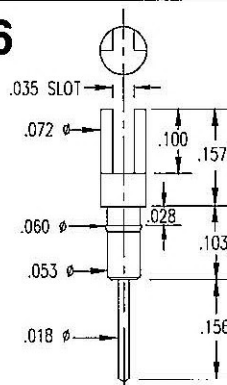
01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

4175



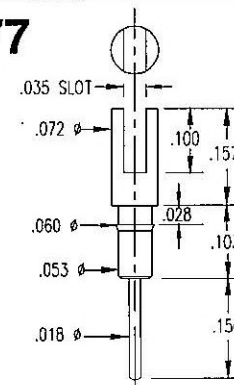
Press-fit in .029 Min. Mtg. Hole

4176



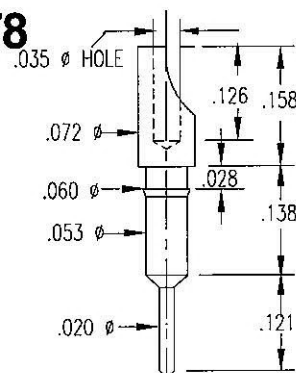
.057 Min. Mtg. Hole

4177



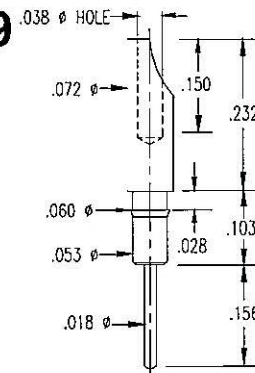
.057 Min. Mtg. Hole

4178



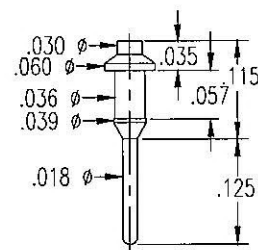
.057 Min. Mtg. Hole

4179



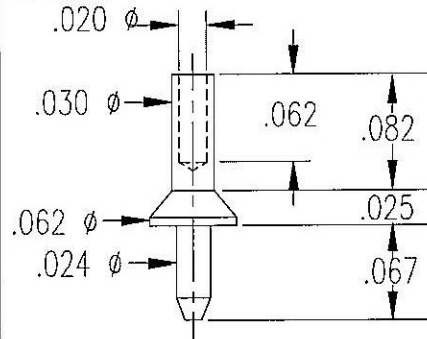
.057 Min. Mtg. Hole - PhBr

4180



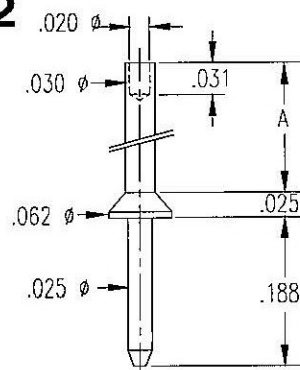
.038 Min. Mtg. Hole

4181



Swage Mount in .035 Min. Mtg. Hole

4182



Swage Mount in .035 Min. Mtg. Hole

P/N	Board Thk	A
4182-1	.031	.047
4182-2	.062	.078
4182-3	.094	.110
4182-4	.125	.141



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2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

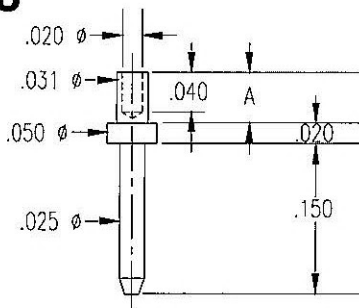
4183 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

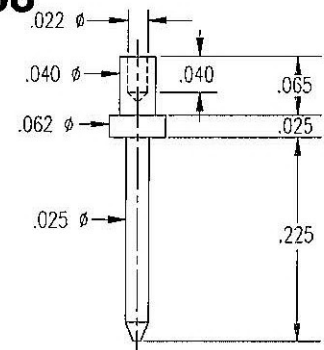
4183



P/N	A
4183-1	.051
4183-2	.082

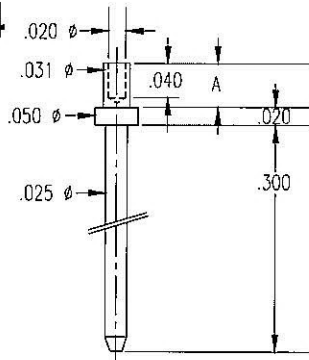
Swage Mount in .035 Min. Mtg. Hole

4188



Swage Mount in .043 Min. Mtg. Hole

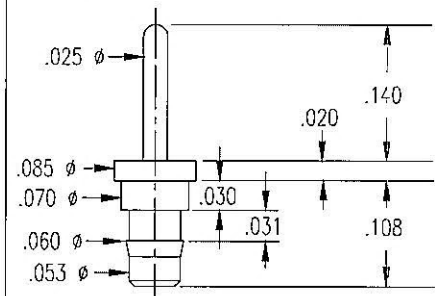
4184



P/N	A
4184-1	.051
4184-2	.082

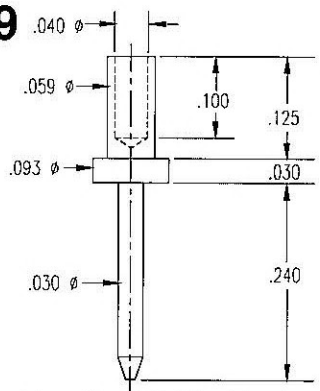
Swage Mount in .035 Min. Mtg. Hole

4193



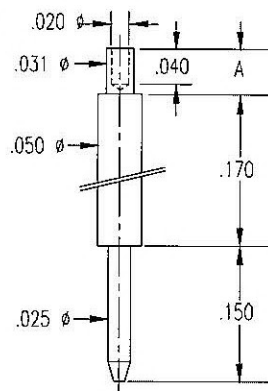
.057 Min. Mtg. Hole

4199



Swage Mount in .062 Min. Mtg. Hole

4185



Swage Mount in .035 Min. Mtg. Hole

P/N	A
4185-1	.051
4185-2	.082



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Terminals

Printed Circuit Pins

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

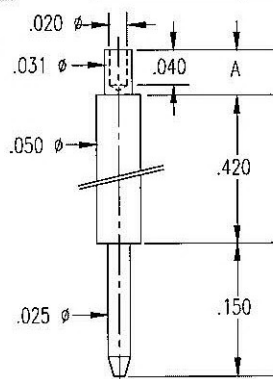
4186 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

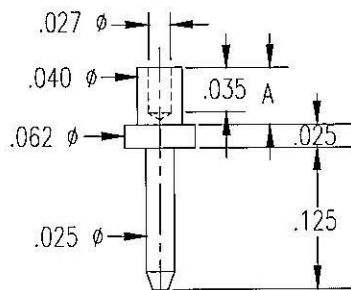
4186



P/N	A
4186-1	.051
4186-2	.082

Swage Mount in .035 Min. Mtg. Hole

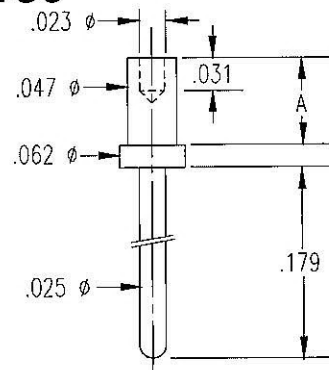
4187



P/N	Board Thk	A
4187-1	.031	.051
4187-2	.062	.082
4187-3	.094	.113

Swage Mount in .043 Min. Mtg. Hole

4189



P/N	Board Thk	A
4189-1	.031	.051
4189-2	.062	.082
4189-3	.094	.113
4189-4	.125	.145

Swage Mount in .052 Min. Mtg. Hole



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

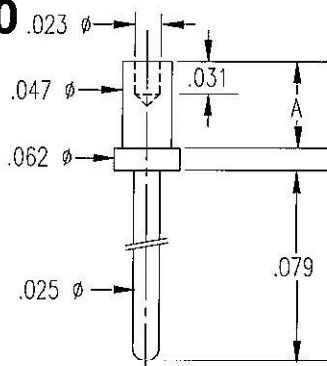
4190 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

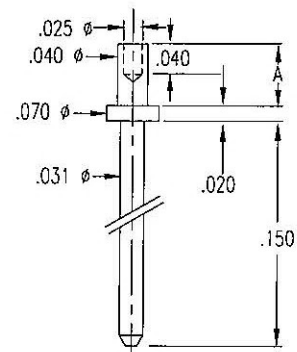
4190



Swage Mount in .052 Min. Mtg. Hole

P/N	Board Thk	A
4190-1	.031	.051
4190-2	.062	.082
4190-3	.094	.113
4190-4	.125	.145

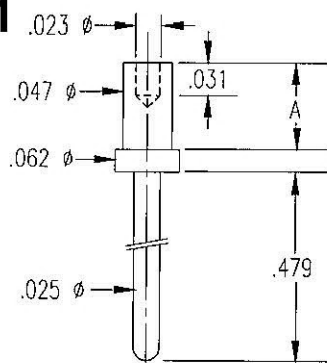
4194



Swage Mount in .043 Min. Mtg. Hole

P/N	Board Thk	A
4194-1	.031	.051
4194-2	.062	.082
4194-3	.094	.113

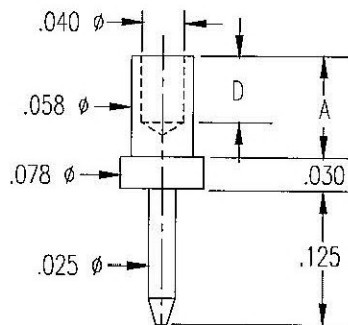
4191



Swage Mount in .052 Min. Mtg. Hole

P/N	Board Thk	A
4191-1	.031	.051
4191-2	.062	.082
4191-3	.094	.113
4191-4	.125	.145

4192



Swage Mount in .062 Min. Mtg. Hole

P/N	Board Thk	A	D
4192-1	.031	.062	.040
4192-2	.062	.094	.062
4192-3	.094	.125	.062
4192-4	.125	.156	.062



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

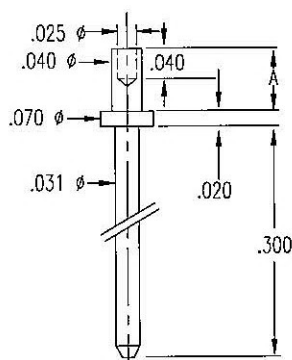
4194 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

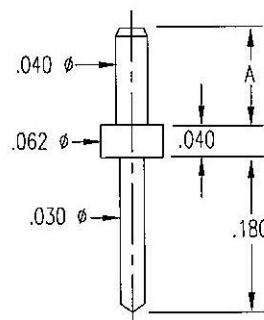
4195



Swage Mount in .043 Min. Mtg. Hole

P/N	Board Thk	A
4195-1	.031	.051
4195-2	.062	.082
4195-3	.094	.113

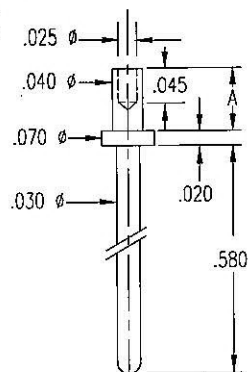
4198



Swage Mount in .043 Min. Mtg. Hole

P/N	Board Thk	A
4198-1	.062	.082
4198-2	.094	.110
4198-3	.125	.145
4198-4	.156	.185

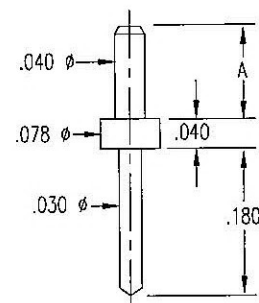
4196



Swage Mount in .043 Min. Mtg. Hole

P/N	Board Thk	A
4196-1	.031	.051
4196-2	.062	.082

4197



Swage Mount in .043 Min. Mtg. Hole

P/N	Board Thk	A
4197-1	.062	.082
4197-2	.094	.110
4197-3	.125	.145



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

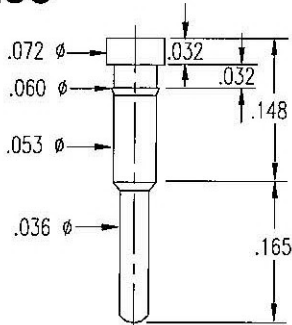
4200 - X - XX

Basic Part Number

Pin Plating

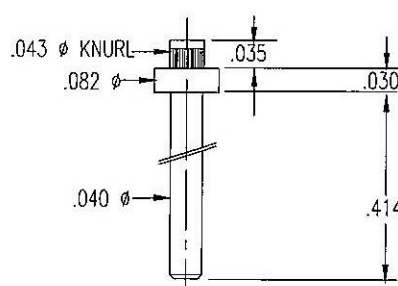
01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

4200



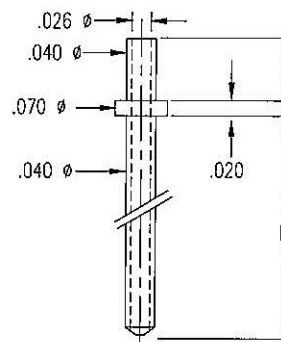
Press-fit in .057 Min. Mtg. Hole

4201

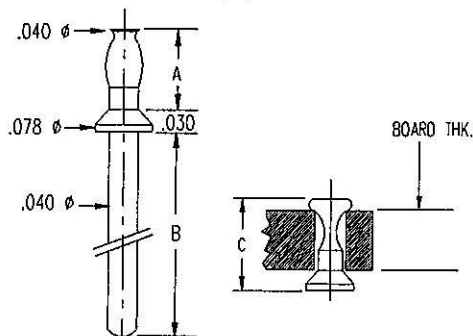


Press-fit in .040 Min. Mtg. Hole

4219 - 4221



4202 to 4205



Swage Mount in .043 Min. Mtg. Hole with Flat Surface Punch

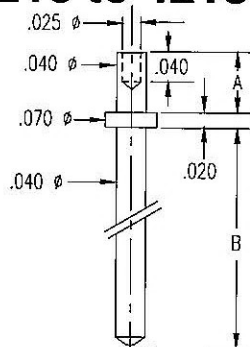
P/N	B
4202-X	.470
4203-X	.562
4204-X	.950
4205-X	.870

-X	Board Thk	A	C
1	.031	.080	.080
2	.062	.110	.110

P/N	B
4219-X	.100
4220-X	.150
4221-X	.300

-X	Board Thk	A
1	.031	.051
2	.062	.082
3	.094	.113

4213 to 4218

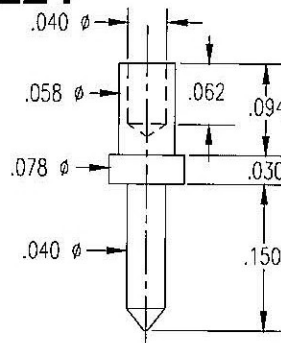


Swage Mount in .043 Min. Mtg. Hole

P/N	B
4213-X	.150
4214-X	.188
4215-X	.300
4216-X	.500
4217-X	.750
4218-X	1.000

-X	Board Thk	A
1	.031	.051
2	.062	.082
3	.094	.113

4224



Swage Mount in .062 Min. Mtg. Hole



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

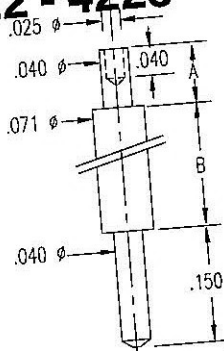
4222 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

4222 - 4223

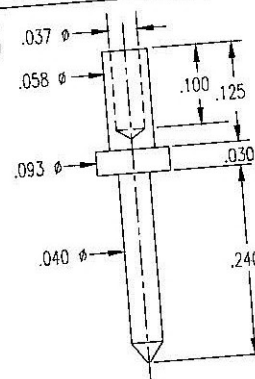


P/N	B
4222-X	.170
4223-X	.420

-X	Board Thk	A
1	.031	.051
2	.062	.082
3	.094	.113

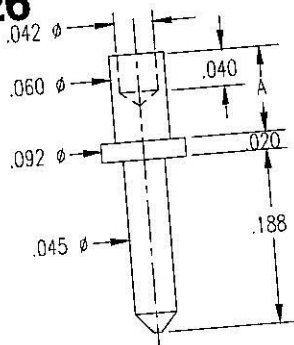
Swage Mount in .043 Min. Mtg. Hole

4225



Swage Mount in .062 Min. Mtg. Hole

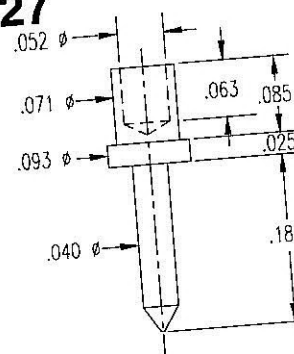
4226



P/N	Board Thk	A
4226-X	.031	.062
4226-X	.062	.094
4226-X	.094	.125
4226-X	.125	.156

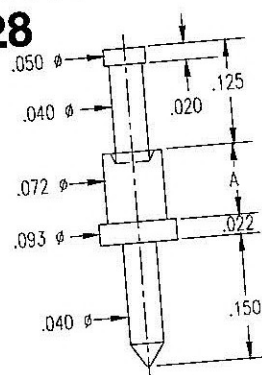
Swage Mount in .064 Min. Mtg. Hole

4227



Swage Mount in .073 Min. Mtg. Hole

4228



P/N	Board Thk	A
4228-X	.031	.051
4228-X	.062	.082
4228-X	.094	.113
4228-X	.125	.145

Swage Mount in .076 Min. Mtg. Hole



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

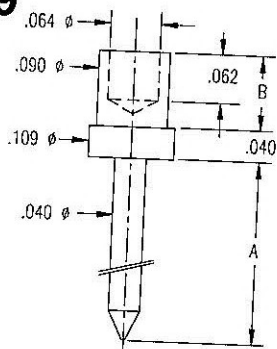
4229 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

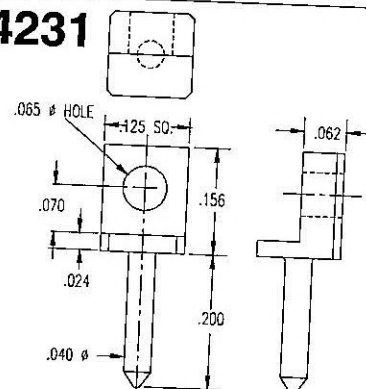
4229



P/N	Board Thk	A	B
4229-X	.031	.200	.065
4229-X	.062	.230	.095
4229-X	.094	.260	.125
4229-X	.125	.290	.155

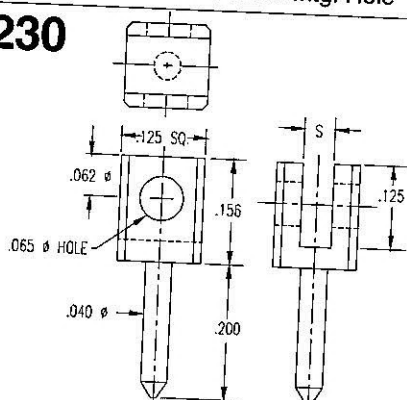
Swage Mount in .094 Min. Mtg. Hole

4231



Board Edge Rivet Mount

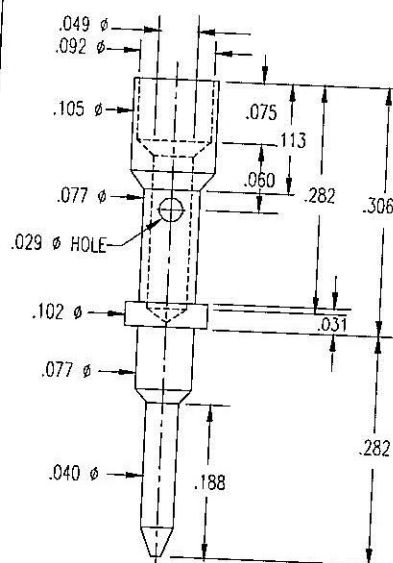
4230



P/N	Board Thk	S
4230-X	.031	.046
4230-X	.062	.075

Board Edge Rivet Mount

4232



#20A Crimp Barrel



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

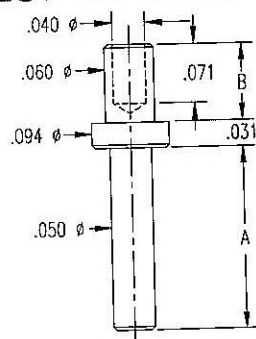
4237 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

4237 to 4239

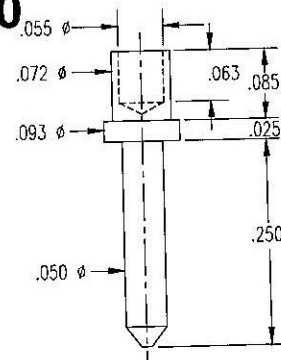


Swage Mount in .064 Min. Mtg. Hole

P/N	A
4237-X	.094
4238-X	.219
4239-X	.282

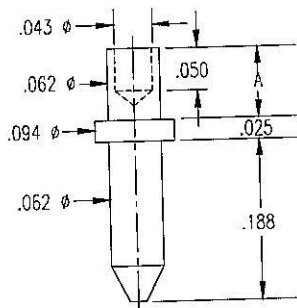
-X	Board Thk	B
1	.031	.063
2	.062	.094
3	.094	.125
4	.125	.156

4240



Swage Mount in .076 Hole

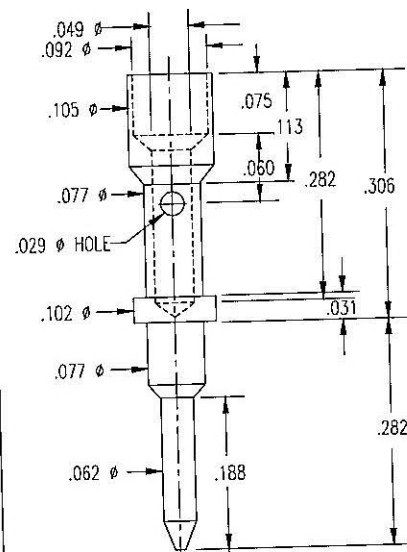
4242



Swage Mount in .067 Hole

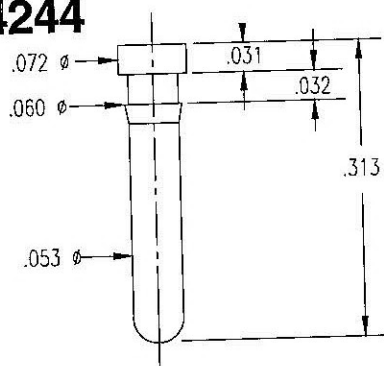
P/N	Board Thk	A
4242-1	.031	.053
4242-2	.062	.084
4242-3	.094	.115

4243



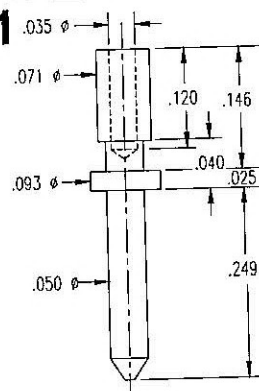
#20A Crimp Barrel

4244



Press-fit in .057 Mtg. Hole

4241



Wire Termination



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

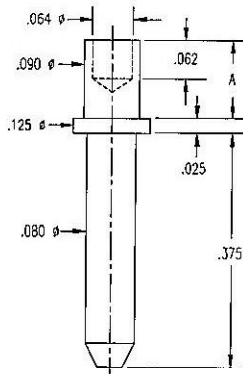
4245 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

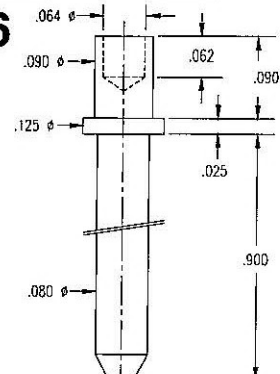
4245



P/N	Board Thk	A
4245-1	.062	.094
4245-2	.094	.125
4245-3	.125	.156

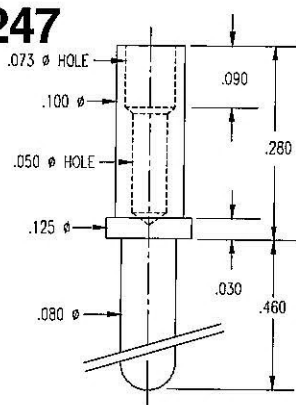
Swage Mount in .094 Min. Mtg. Hole

4246

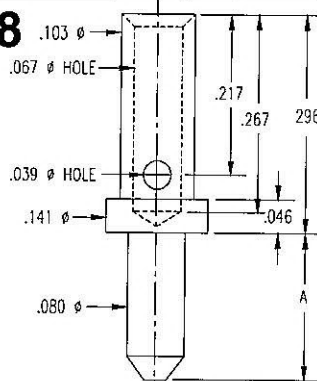


Swage Mount in .094 Min. Mtg. Hole

4247



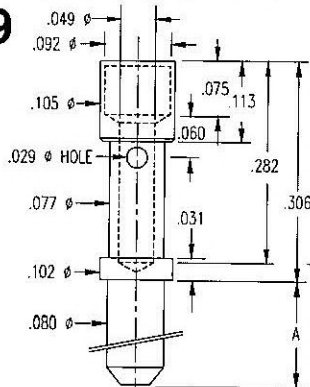
4248



#16A Crimp Barrel

P/N	A
4248-1	.200
4248-2	.375
4248-3	.500

4249



#20A Crimp Barrel

P/N	A
4249-1	.200
4249-2	.375
4249-3	.500



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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Printed Circuit Pins

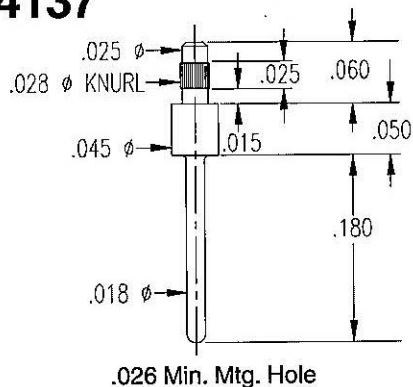
4137 - X - XX

Basic Part Number

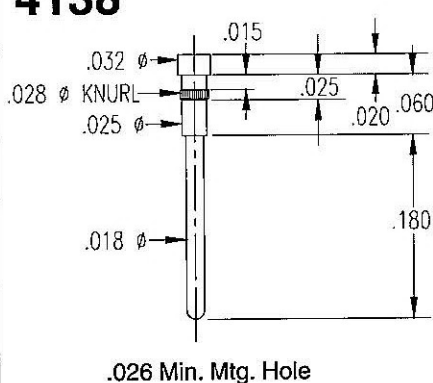
Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

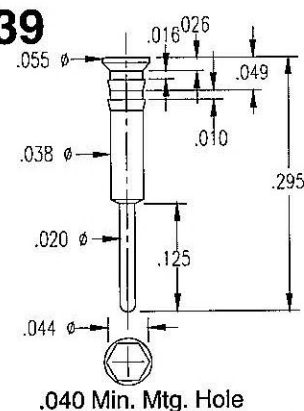
4137



4138

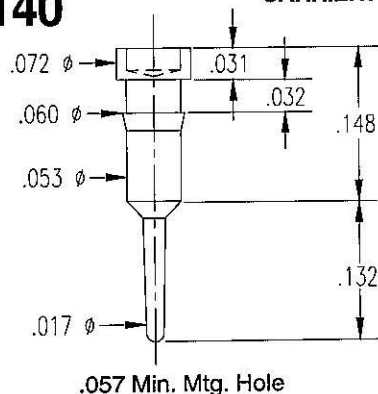


4139

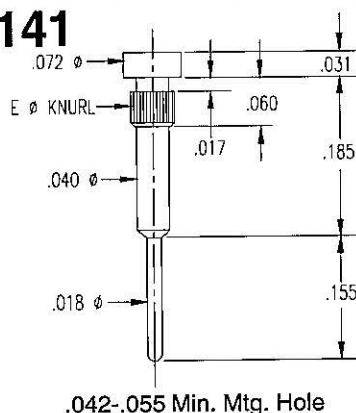


4140

CARRIER PIN

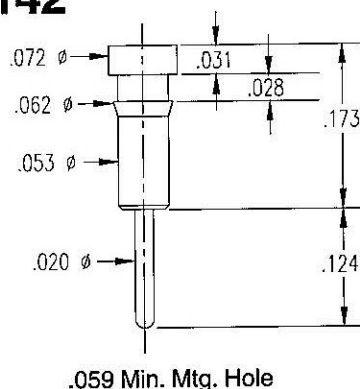


4141

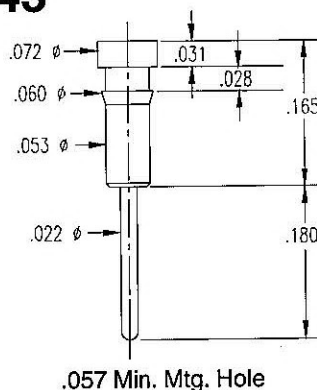


P/N	E	Mtg. Hole
4141-1	.058	.055
4141-2	.045	.042

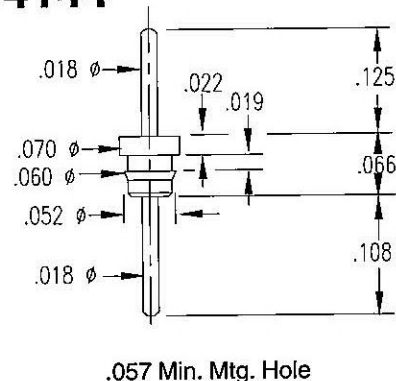
4142



4143



4144



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°

Note: All dimensions are in inches

Wire Wrap Terminals

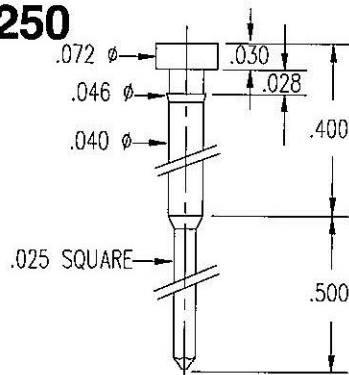
4250 - X - XX

Basic Part Number

Pin Plating

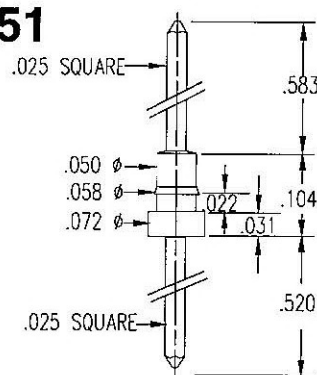
01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

4250



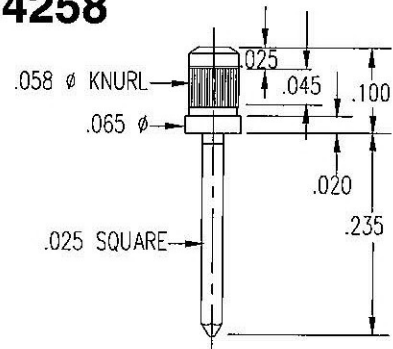
Press-fit in .042 Min. Mtg. Hole

4251



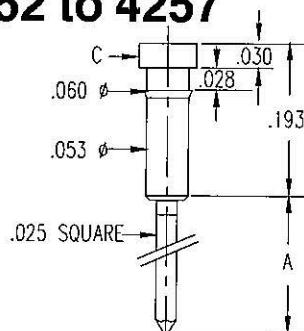
Press-fit in .053 Min. Mtg. Hole

4258



Press-fit in .055 Min. Mtg. Hole

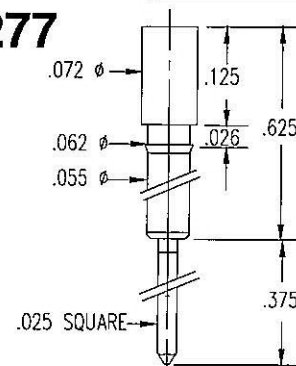
4252 to 4257



Press-fit in .056 Min. Mtg. Hole

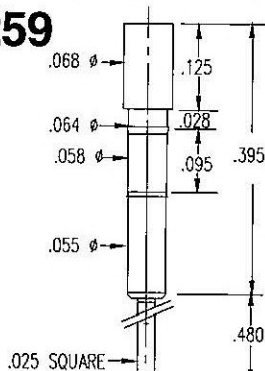
P/N	# of Wraps	A	C
4252-1	1	.260	.072
4253-2	2	.360	.072
4254-3	3	.500	.072
4255-1	1	.260	.062
4256-2	2	.360	.062
4257-3	3	.500	.062

4277



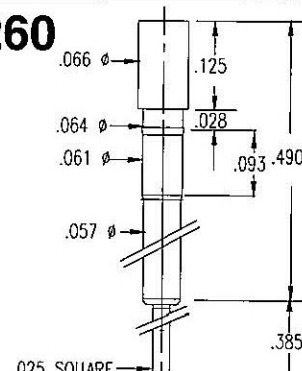
Press-fit in .057 Min. Mtg. Hole

4259



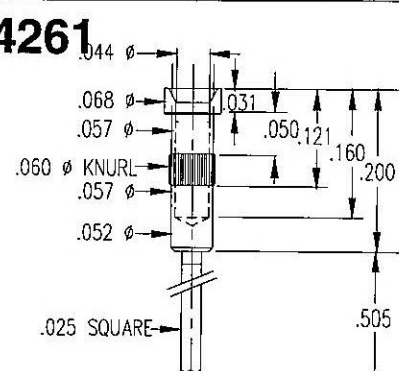
#20A Crimp Barrel

4260



Press-fit in .060 Mtg. Hole

4261



Press-fit in .056 Mtg. Hole



ELPAKCO, INC.

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Terminals

SPECIFICATIONS

Terminal Material: Brass Alloy
360, 1/2 Hard

Tolerances: Lengths - ± 0.005
Diameters - ± 0.002
Angles - 2°

Note: All dimensions are in inches

Wire Wrap Terminals

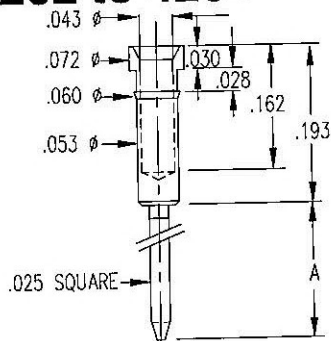
4262 - X - XX

Basic Part Number

Pin Plating

01 - 200 μ " Tin over 100 μ " Nickel
02 - 10 μ " Gold over 100 μ " Nickel
03 - 30 μ " Gold over 100 μ " Nickel
04 - 50 μ " Gold over 100 μ " Nickel

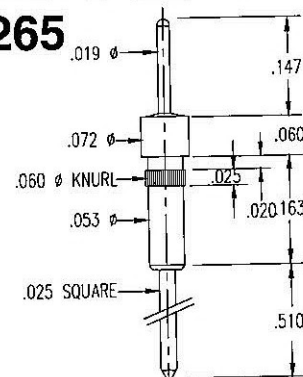
4262 to 4264



Press-fit in .056 Min. Mtg. Hole

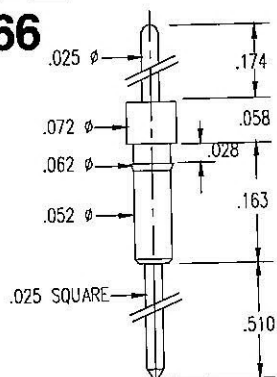
P/N	# of Wraps	A
4262-1	1	.260
4263-2	2	.360
4264-3	3	.500

4265



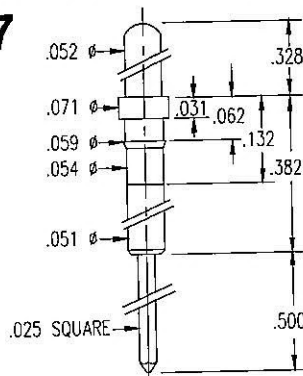
Press-fit in .057 Min. Mtg. Hole

4266



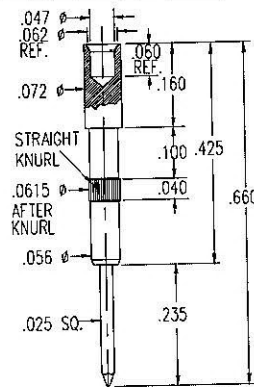
Press-fit in .059 Min. Mtg. Hole

4267



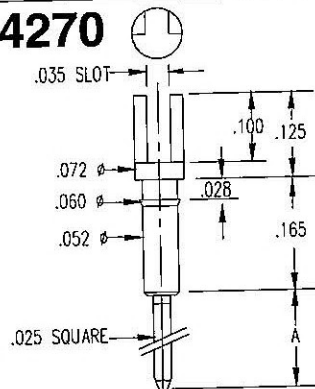
Press-fit in .056 Min. Mtg. Hole

4283



Press-fit in .0595 Min. Mtg. Hole

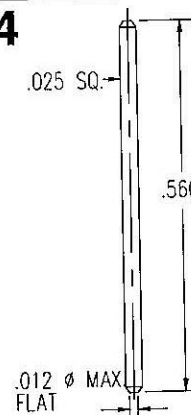
4268 to 4270



Press-fit in .057 Min. Mtg. Hole

P/N	# of Wraps	A
4268-1	1	.260
4269-2	2	.360
4270-3	3	.510

4284



ELPAKCO, INC.

2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series PMP

DESCRIPTION

This section shows one of the most comprehensive lines of terminals in the electronics industry.

Elpakco stocks large quantities of every possible configuration of terminals in a variety of plating options.

Also many of the terminals can be customized to customer supplied specifications.

SPECIFICATIONS

Terminal Material: Brass Alloy 360 1/2 hard per QQ-B-626. Phosphor Bronze Alloy 544 per QQ-B-750.

Terminal Plating: Gold per MIL-G-45204, Type I, Grade C. Silver per QQ-S-365, Type III, Grade A. Tin per MIL-T-10727, Type I. Electro Solder per MIL-P-81728. Nickel per QQ-N-290. Copper per MIL-C-14550.

Technical Specifications

GENERAL SPECIFICATIONS

When applicable, Elpakco products and procedures are designed to meet the following general specifications:

MIL-STD-105	Sampling procedures
MIL-STD-109	Quality assurance terms and conditions
MIL-STD-202E	Test measures for electronic and electrical component parts
MIL-STD-1130B	Connections, electrical, solderless, wrapped
MIL-STD-1344A	Test methods for electrical connectors
MIL-STD-45662	Calibration system requirements
MIL-C-39029	General specifications for contacts, electrical connector
MIL-I-45208	Inspection equipment, acquisition, maintenance and disposition of
MIL-S-83505	General Specification for sockets (lead, electronic components)
ASTM-B487-79	Measuring metal coating by examination of a cross section
ASTM-A754-79	Standard test methods for coating thickness by X-ray fluorescence

***All Terminals are
made to exacting
standards!***

Series PMP

CUSTOM TERMINALS

Elpakco has a large inventory of material used for the manufacturing of custom solder terminals. Below is a list of what type of raw material is available (measured in diameters):

Brass Alloy 360 1/2 hard:
.072 - .078 - .125 - .156 - .187

Brass Alloy 360 1/4 hard:
.072 - .078

Brass Tubing:
.072 OD x .020 ID -
.072 OD x .025 ID

Phosphor Bronze:
.062 - .072 - .078

TOLERANCES

Length: $\pm .005$
Diameters: $\pm .002$
Angles: $\pm 2^\circ$

Note: All dimensions are in inches

Ordering Information

1D2 - 307 - 1

Basic Part Number

Terminal Plating

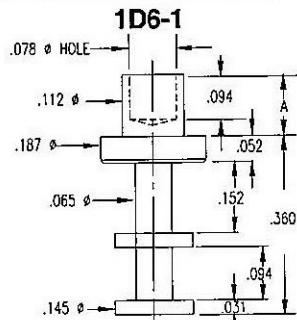
- 1 - 300 μ " Silver over 100 μ " Copper
- 3 - 200 μ " Tin over 100 μ " Nickel
- 4 - 300 μ " Electro-Solder over 100 μ " Copper

Note: Standard plating is Silver (-1). Other plating options are available upon request.



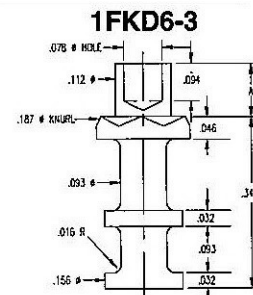
ELPAKCO, INC.

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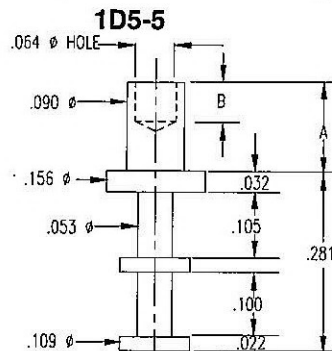
Part Number	'A'	Bd. Tk.
1D6-1A	.078	.031
1D6-1B	.109	.062
1D6-1C	.140	.094
1D6-1D	.172	.125
1D6-1E	.195	.156
1D6-1F	.234	.188
1D6-1G	.293	.250

Swage Mount in .116 Hole



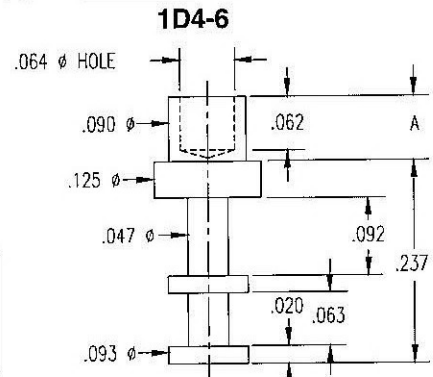
Part Number	'A'	Bd. Tk.
1FKD6-3A	.075	.031
1FKD6-3B	.105	.062
1FKD6-3C	.135	.094
1FKD6-3D	.165	.125
1FKD6-3E	.195	.156
1FKD6-3F	.230	.187

Swage Mount in .116 Hole



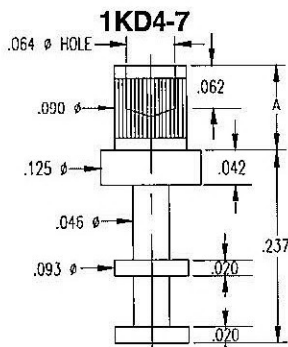
Part Number	'A'	'B'	Bd. Tk.
1D5-5A	.075	.063	.031
1D5-5B	.105	.093	.062
1D5-5C	.135	.093	.094
1D5-5D	.165	.093	.125

Swage Mount in .094 Hole



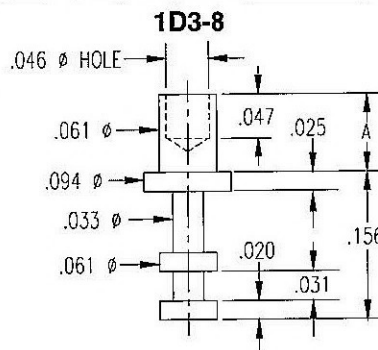
Part Number	'A'	Bd. Tk.
1D4-6A	.075	.031
1D4-6B	.105	.062
1D4-6C	.135	.094
1D4-6D	.165	.125

Swage Mount in .094 Hole



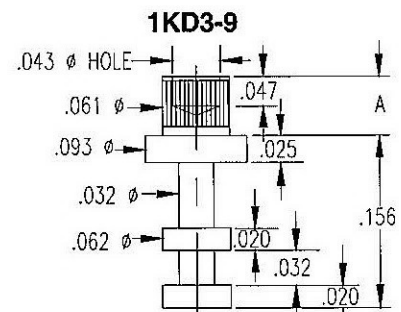
Part Number	'A'	Bd. Tk.
1KD4-7A	.075	.031
1KD4-7B	.105	.062
1KD4-7C	.135	.094
1KD4-7D	.165	.125

Press-fit & Swage Mount in .088 Hole



Part Number	'A'	Bd. Tk.
1D3-8AA	.037	.016
1D3-8A	.053	.031
1D3-8B	.084	.062
1D3-8C	.115	.094
1D3-8D	.147	.125

Swage Mount in .064 Hole



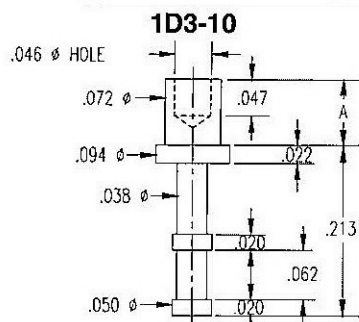
Part Number	'A'	Bd. Tk.
1KD3-9AA	.037	.015
1KD3-9A	.054	.031
1KD3-9B	.084	.062
1KD3-9C	.115	.188
1KD3-9D	.147	.125

Press-fit & Swage Mount in .059 Hole



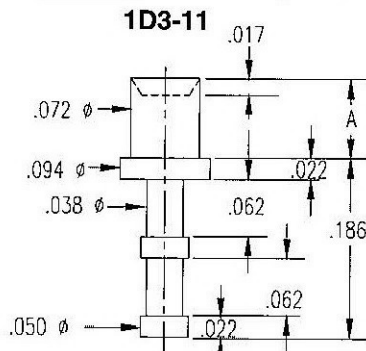
ELPAKCO, INC.

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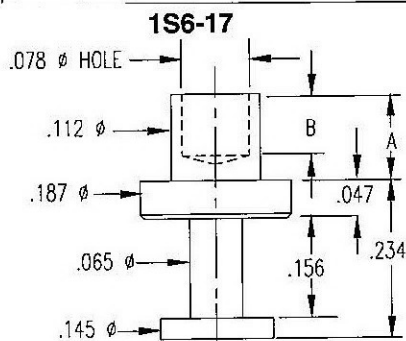
Part Number	'A'	Bd. Tk.
1D3-10AA	.037	.016
1D3-10A	.053	.031
1D3-10B	.084	.062
1D3-10C	.115	.094
1D3-10D	.147	.125

Swage Mount in .076 Hole



Part Number	'A'	Bd. Tk.
1D3-11AA	.037	.016
1D3-11A	.051	.031
1D3-11B	.082	.062
1D3-11C	.113	.094
1D3-11D	.145	.125

Swage Mount in .076 Hole



Part Number	'A'	'B'	Bd. Tk.
1S6-17A	.074	.068	.031
1S6-17B	.105	.098	.062
1S6-17C	.135	.098	.094
1S6-17D	.165	.098	.125
1S6-17E	.195	.098	.156
1S6-17F	.230	.098	.187

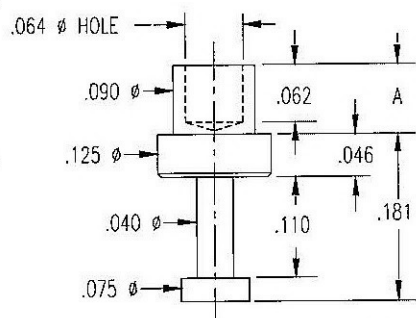
Swage Mount in .116 Hole



ELPAKCO, INC.

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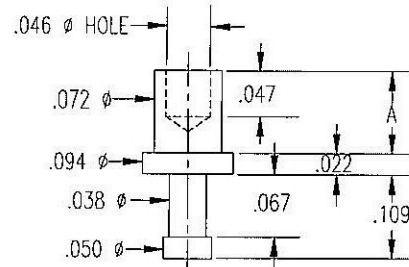
1S4-19



Part Number	'A'	Bd. Tk.
1S4-19A	.075	.031
1S4-19B	.105	.062
1S4-19C	.135	.094
1S4-19D	.165	.125

Swage Mount in .094 Hole

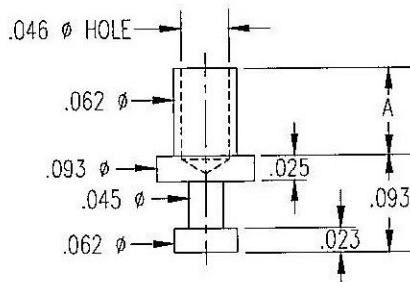
1S3-21



Part Number	'A'	Bd. Tk.
1S3-21AA	.037	.016
1S3-21A	.053	.031
1S3-21B	.084	.062
1S3-21C	.115	.094
1S3-21D	.147	.125

Swage Mount in .077 Hole

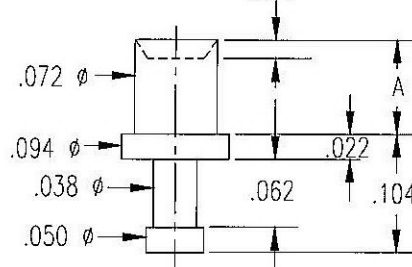
1S2-23



Part Number	'A'	Bd. Tk.
1S2-23AA	.037	.016
1S2-23A	.053	.031
1S2-23B	.084	.062
1S2-23C	.115	.094
1S2-23D	.147	.125

Swage Mount in .067 Hole

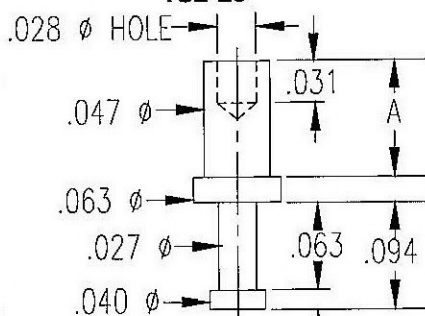
1S3-24



Part Number	'A'	Bd. Tk.
1S3-24AA	.037	.016
1S3-24A	.051	.031
1S3-24B	.082	.062
1S3-24C	.113	.094
1S3-24D	.145	.125

Swage Mount in .076 Hole

1S2-25



Part Number	'A'	Bd. Tk.
1S2-25AA	.035	.016
1S2-25A	.054	.031
1S2-25B	.084	.062
1S2-25C	.115	.094
1S2-25D	.147	.125

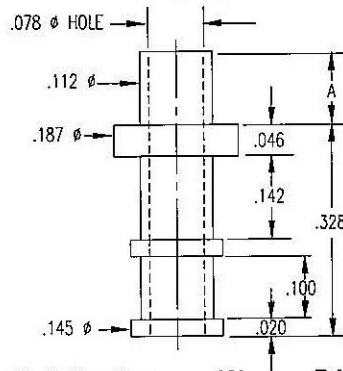
Swage Mount in .052 Hole



ELPAKCO, INC.

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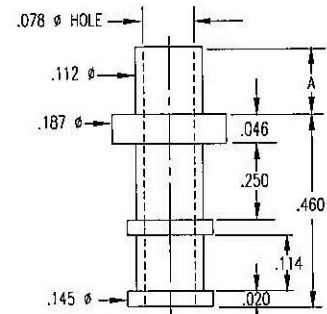
2D6-29



Part Number	'A'	Bd. Tk.
2D6-29A	.075	.031
2D6-29B	.105	.062
2D6-29C	.135	.094
2D6-29D	.165	.125

Swage Mount in .116 Hole

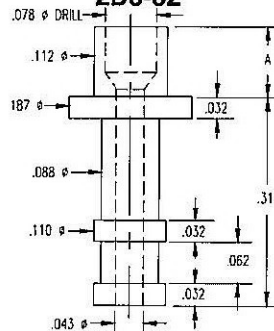
2D6-30



Part Number	'A'	Bd. Tk.
2D6-30A	.075	.031
2D6-30B	.105	.062
2D6-30C	.135	.094
2D6-30D	.165	.125

Press-fit in .116 Hole

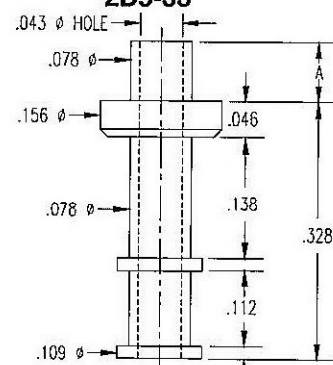
2D6-32



Part Number	'A'	Bd. Tk.
2D6-32A	.075	.031
2D6-32B	.105	.062
2D6-32C	.135	.094
2D6-32D	.165	.125
2D6-32E	.195	.156
2D6-32F	.230	.187

Swage Mount in .116 Hole

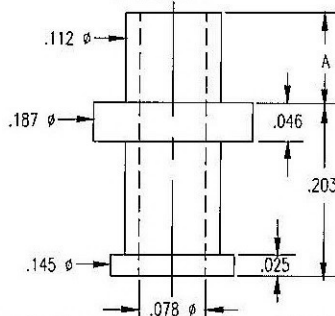
2D5-33



Part Number	'A'	Bd. Tk.
2D5-33A	.075	.031
2D5-33B	.105	.062
2D5-33C	.135	.094
2D5-33D	.165	.125

Swage Mount in .082 Hole

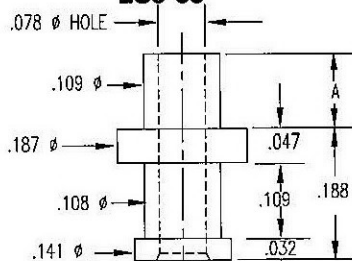
2S6-34



Part Number	'A'	Bd. Tk.
2S6-34A	.075	.031
2S6-34B	.105	.062
2S6-34C	.135	.094
2S6-34D	.165	.125
2S6-34E	.195	.156
2S6-34F	.230	.187

Swage Mount in .116 Hole

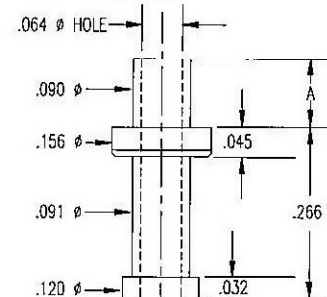
2S5-35



Part Number	'A'	Bd. Tk.
2S5-35A	.075	.031
2S5-35B	.105	.062
2S5-35C	.135	.094
2S5-35D	.165	.125
2S5-35E	.195	.156
2S5-35F	.230	.187

Swage Mount in .113 Hole

2S5-36



Part Number	'A'	Bd. Tk.
2S5-36A	.077	.031
2S5-36B	.107	.062
2S5-36C	.137	.094
2S5-36D	.167	.125

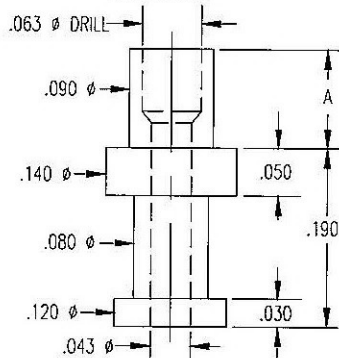
Swage Mount in .094 Hole



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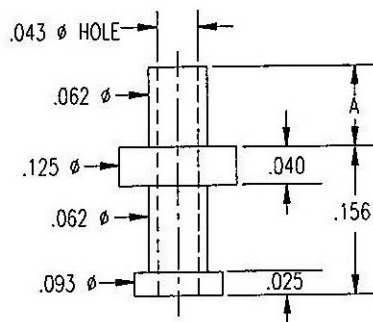
2S5-37



Part Number	'A'	Bd. Tk.
2S5-37A	.075	.031
2S5-37B	.105	.062
2S5-37C	.135	.094
2S5-37D	.165	.125

Swage Mount in .094 Hole

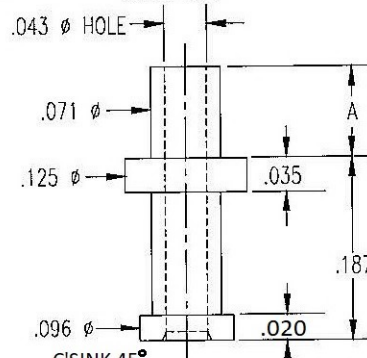
2S4-38



Part Number	'A'	Bd. Tk.
2S4-38A	.053	.031
2S4-38B	.084	.062
2S4-38C	.115	.094
2S4-38D	.147	.125

Swage Mount in .067 Hole

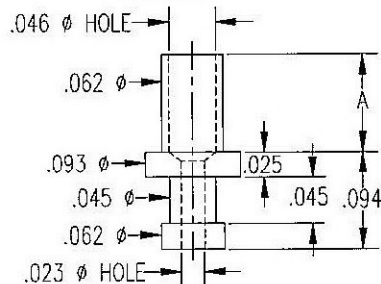
2S4-39



Part Number	'A'	Bd. Tk.
2S4-39AA	.037	.016
2S4-39A	.054	.031
2S4-39B	.084	.062
2S4-39C	.115	.094
2S4-39D	.147	.125

Swage Mount in .076 Hole

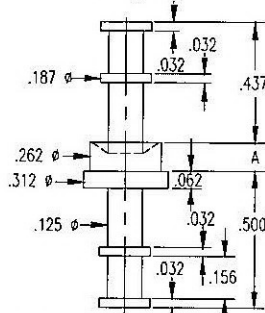
2S3-40



Part Number	'A'	Bd. Tk.
2S3-40AA	.037	.016
2S3-40A	.053	.031
2S3-40B	.084	.062
2S3-40C	.115	.094
2S3-40D	.147	.125

Swage Mount in .067 Hole

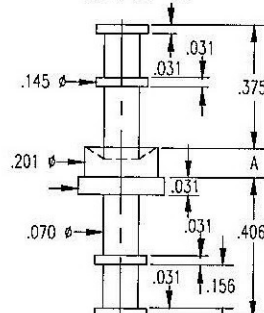
3DD10-41



Part Number	'A'	Bd. Tk.
3DD10-41B	.105	.062
3DD10-41C	.135	.094
3DD10-41D	.165	.125
3DD10-41E	.195	.156
3DD10-41F	.230	.187
3DD10-41G	.293	.250

Swage Mount in .264 Hole

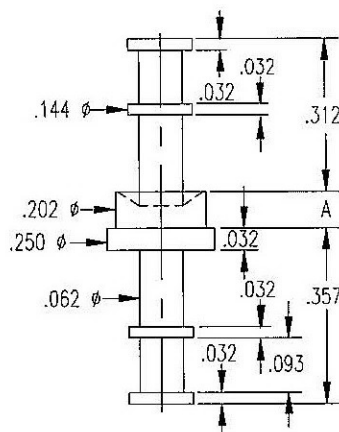
3DD8-42



Part Number	'A'	Bd. Tk.
3DD8-42B	.075	.031
3DD8-42C	.105	.062
3DD8-42D	.135	.094
3DD8-42E	.165	.125
3DD8-42F	.195	.156
3DD8-42G	.230	.187

Swage Mount in .205 Hole

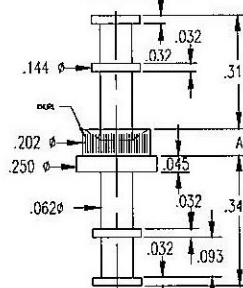
3DD8-43



Part Number	'A'	Bd. Tk.
3DD8-43A	.075	.031
3DD8-43B	.105	.062
3DD8-43C	.135	.094
3DD8-43D	.165	.125
3DD8-43E	.195	.156
3DD8-43F	.230	.187
3DD8-43G	.293	.250

Swage Mount in .206 Hole

3KD8-44



Part Number	'A'	Bd. Tk.
3KD8-44B	.105	.062
3KD8-44C	.135	.094
3KD8-44D	.165	.125
3KD8-44E	.195	.156
3KD8-44F	.230	.187

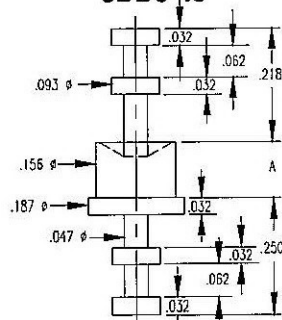
Swage Mount in .206 Hole



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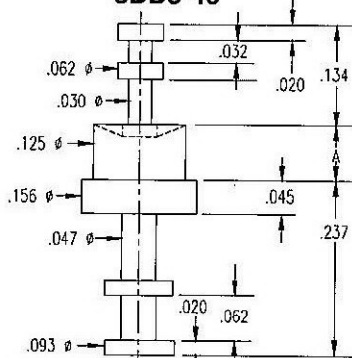
3DD6-45



Part Number	'A'	Bd. Tk.
3DD6-45A	.075	.031
3DD6-45B	.105	.062
3DD6-45C	.135	.094
3DD6-45D	.165	.125
3DD6-45E	.195	.156
3ED6451F	.230	.187

Swage Mount in .159 Hole

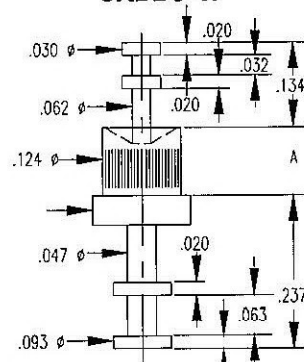
3DD5-46



Part Number	'A'	Bd. Tk.
3DD5-12A	.075	.031
3DD5-12B	.105	.062
3DD5-12C	.135	.094
3DD5-12D	.165	.125

Swage Mount in .129 Hole

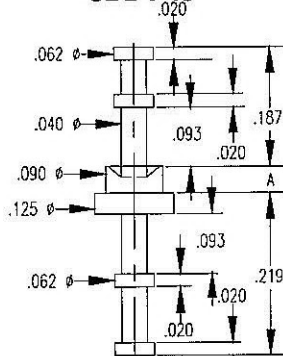
3KDD5-47



Part Number	'A'	Bd. Tk.
3KDD5-47A	.075	.031
3KDD5-47B	.105	.062
3KDD5-47C	.135	.094
3KDD5-47D	.165	.125

Swage Mount in .125 Hole

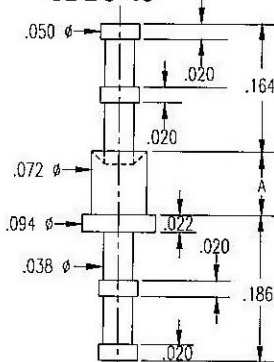
3DD4-48



Part Number	'A'	Bd. Tk.
3DD4-48A	.075	.031
3DD4-48B	.105	.062
3DD4-48C	.135	.094
3DD4-48D	.165	.125

Swage Mount in .094 Hole

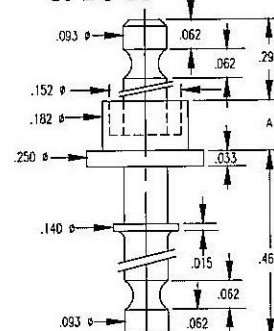
3DD3-49



Part Number	'A'	Bd. Tk.
3DD3-49A	.051	.031
3DD3-49B	.082	.062
3DD3-49C	.113	.094
3DD3-49D	.145	.125

Swage Mount in .076 Hole

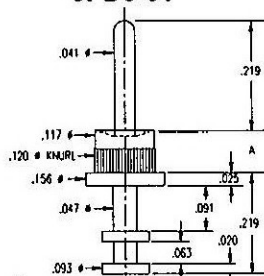
3PD8-50



Part Number	'A'	Bd. Tk.
3PD8-50B	.105	.062
3PD8-50C	.135	.094
3PD8-50D	.165	.125
3PD8-50E	.195	.156
3PD8-50F	.230	.187

Swage Mount in .186 Hole

3PD5-51



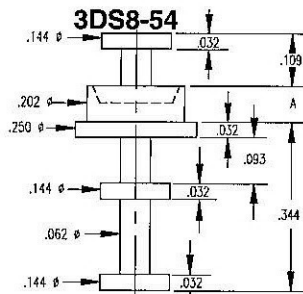
Part Number	'A'	Bd. Tk.
3PD5-51A	.062	.031
3PD5-51B	.094	.062
3PD5-51C	.125	.094
3PD5-51D	.156	.125
3PD5-51E	.195	.156
3PD5-51	.230	.187

Swage Mount in .120 Hole



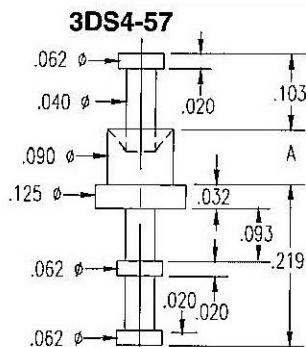
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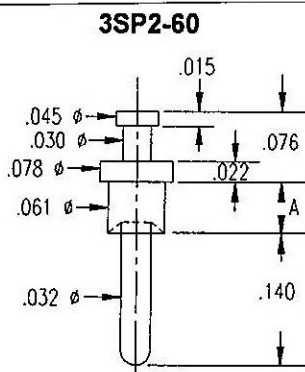
Part Number	'A'	Bd. Tk.
3DS8-54A	.075	.031
3DS8-54B	.105	.062
3DS8-54C	.135	.094
3DS8-54D	.165	.125
3DS8-54E	.195	.156
3DS8-54F	.230	.187

Sage Mount in .206 Hole



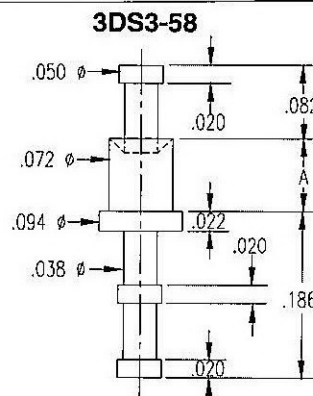
Part Number	'A'	Bd. Tk.
3DS4-57A	.075	.031
3DS4-57B	.105	.062
3DS4-57C	.135	.094
3DS4-57D	.165	.125

Sage Mount in .094 Hole



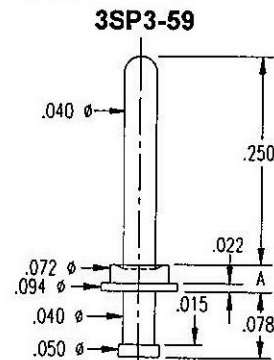
Part Number	'A'	Bd. Tk.
3SP2-60AA	.037	.016
3SP2-60A	.054	.031
3SP2-60B	.084	.062
3SP2-60C	.115	.094
3SP2-60D	.147	.125

Swage Mount in .064 Hole



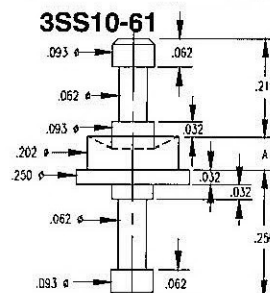
Part Number	'A'	Bd. Tk.
3DS3-58A	.051	.031
3DS3-58B	.082	.062
3DS3-58C	.113	.094
3DS3-58D	.145	.125

Swage Mount in .076 Hole



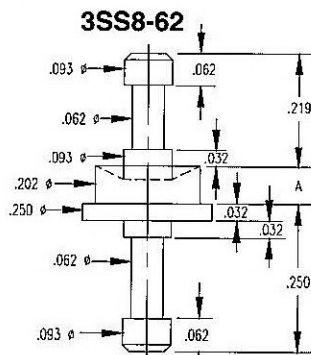
Part Number	'A'	Bd. Tk.
3SP3-59AA	.037	.016
3SP3-59A	.051	.031
3SP3-59B	.082	.062
3SP3-59C	.113	.094
3SP3-59D	.145	.125

Swage Mount in .076 Hole



Part Number	'A'	Bd. Tk.
3SS10-61B	.105	.062
3SS10-61C	.135	.094
3SS10-61D	.165	.125
3SS10-61E	.195	.156
3SS10-61F	.230	.187
3SS10-61G	.293	.125

Sage Mount in .264 Hole



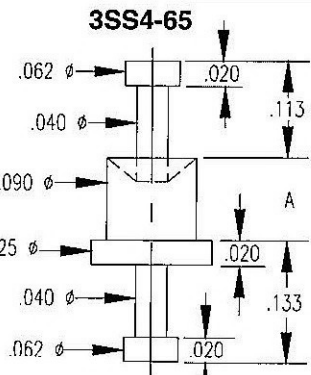
Part Number	'A'	Bd. Tk.
3SS8-62B	.075	.031
3SS8-62C	.105	.062
3SS8-62D	.135	.094
3SS8-62E	.165	.125
3SS8-62F	.195	.156

Swage Mount in .206 Hole



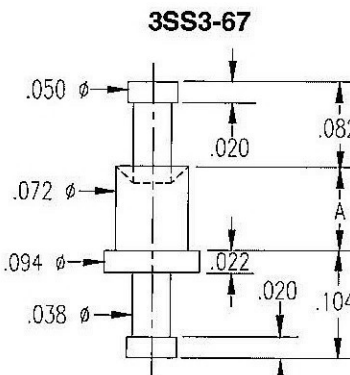
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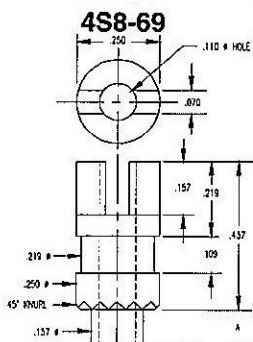
Part Number	'A'	Bd. Tk.
3SS4-65A	.075	.031
3SS4-65B	.105	.062
3SS4-65C	.135	.094
3SS4-65D	.165	.125

Swage Mount in .094 Hole



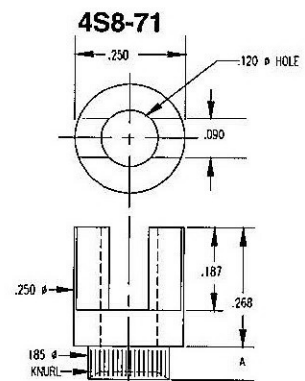
Part Number	'A'	Bd. Tk.
3SS3-67A	.051	.031
3SS3-67B	.082	.062
3SS3-67C	.113	.094
3SS3-67D	.145	.125

Swage Mount in .076 Hole



Part Number	'A'	Bd. Tk.
4S8-69B	.105	.062
4S8-69C	.135	.094
4S8-69D	.165	.125
4S8-69E	.195	.156
4S8-69F	.230	.187
4S8-69G	.293	.250

Swage Mount in .189 Hole



Part Number	'A'	Bd. Tk.
4S8-71A	.075	.031
4S8-71B	.105	.062
4S8-71C	.135	.094
4S8-71D	.165	.125

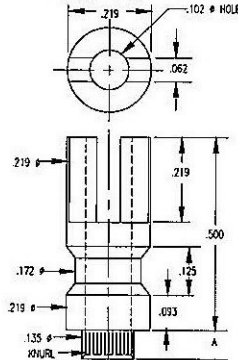
Swage Mount in .189 Hole



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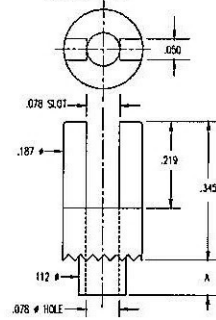
4S7-73



Part Number	'A'	Bd. Tk.
4S7-73A	.075	.031
4S7-73B	.105	.062
4S7-73C	.135	.094
4S7-73D	.165	.125

Swage Mount in .139 Hole

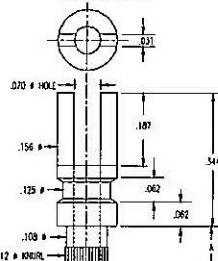
4S6-74



Part Number	'A'	Bd. Tk.
4S6-74A	.075	.031
4S6-74B	.105	.062
4S6-74C	.135	.094
4S6-74D	.165	.125
4S6-74E	.195	.156
4S6-74F	.230	.187

Swage Mount in .116 Hole

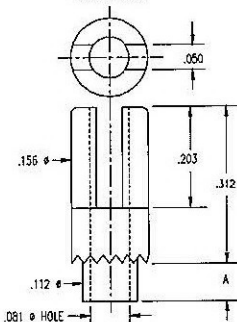
4S5-76



Part Number	'A'	Bd. Tk.
4S5-76A	.075	.031
4S5-76B	.105	.062
4S5-76C	.135	.094
4S5-76D	.165	.125
4S5-76E	.195	.156
4S5-76F	.230	.187

Swage Mount in .116 Hole

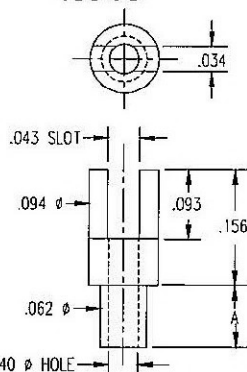
4S5-77



Part Number	'A'	Bd. Tk.
4S5-77A	.045	.031
4S5-77B	.094	.062
4S5-77C	.125	.094
4S5-77D	.156	.125
4S5-77E	.195	.156
4S5-77F	.230	.187

Swage Mount in .116 Hole

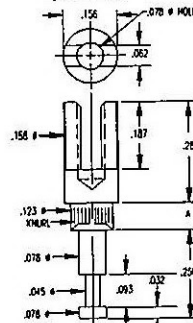
4S3-78



Part Number	'A'	Bd. Tk.
4S3-78A	.053	.031
4S3-78B	.084	.062
4S3-78C	.115	.094
4S3-78D	.147	.125

Swage Mount in .067 Hole

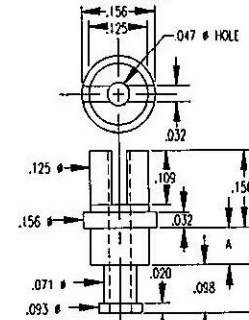
4D5-79



Part Number	'A'	Bd. Tk.
4D5-79A	.075	.031
4D5-79B	.105	.062
4D5-79C	.135	.094
4D5-79D	.165	.125

Swage Mount in .082 Hole

4D5-80



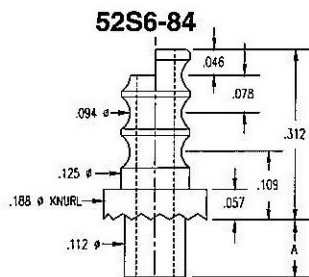
Part Number	'A'	Bd. Tk.
4D5-80A	.075	.031
4D5-80B	.105	.062
4D5-80C	.135	.094
4D5-80D	.165	.125

Swage Mount in .097 Hole



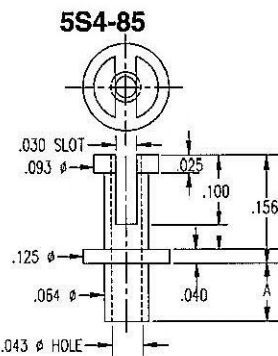
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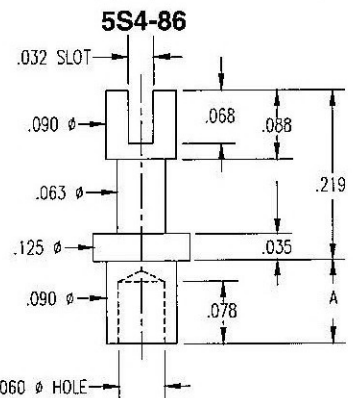
Part Number	'A'	Bd. Tk.
52S6-84A	.075	.031
52S6-84B	.105	.062
52S6-84C	.135	.094
52S6-84D	.165	.125
52S6-84E	.195	.156
52S6-84F	.230	.187

Swage Mount in .116 Hole



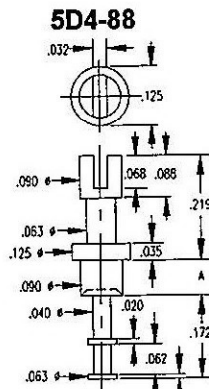
Part Number	'A'	Bd. Tk.
5S4-85A	.053	.031
5S4-85B	.084	.062
5S4-85C	.115	.094
5S4-85D	.147	.125

Swage Mount in .067 Hole



Part Number	'A'	Bd. Tk.
5S4-86A	.075	.031
5S4-86B	.105	.062
5S4-86C	.135	.094
5S4-86D	.165	.125

Swage Mount in .094 Hole



Part Number	'A'	Bd. Tk.
5D4-88A	.075	.031
5D4-88B	.105	.062
5D4-88C	.135	.094
5D4-88D	.165	.125

Swage Mount in .094 Hole

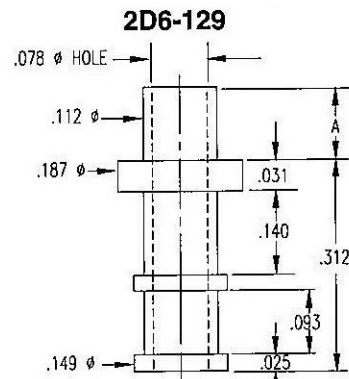


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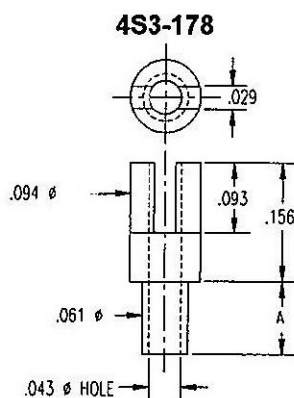
Series PMP

Double Ended Solder Terminals



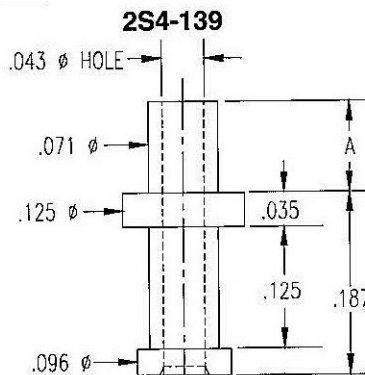
Part Number	'A'	Bd. Tk.
2D6-129A	.078	.031
2D6-129B	.109	.062
2D6-129C	.140	.094
2D6-129D	.171	.125

Swage Mount in .116 Hole



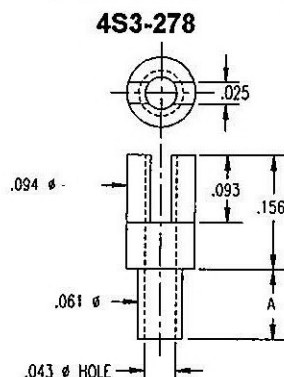
Part Number	'A'	Bd. Tk.
4S3-178A	.045	.031
4S3-178B	.094	.062
4S3-178C	.125	.094
4S3-178D	.156	.125

Swage Mount in .067 Hole



Part Number	'A'	Bd. Tk.
2S4-139A	.062	.031
2S4-139B	.093	.062
2S4-139C	.125	.094
2S4-139D	.156	.125

Swage Mount in .076 Hole



Part Number	'A'	Bd. Tk.
4S3-278AA	.037	.016
4S3-278A	.053	.031
4S3-278B	.084	.061
4S3-278C	.115	.094
4S3-278D	.147	.125

Swage Mount in .067Hole

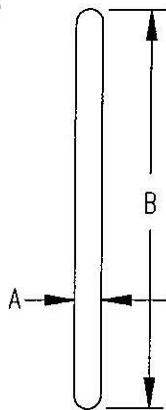


ELPAKCO, INC.

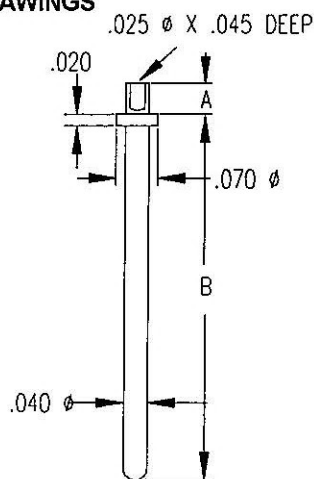
2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series MP

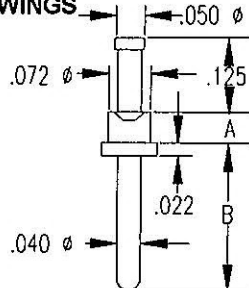
DRAWINGS



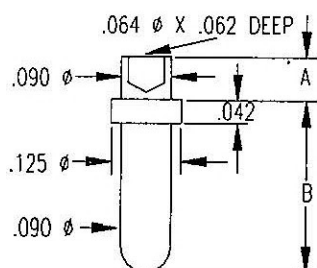
DRAWINGS



DRAWINGS



DRAWINGS



Note: All dimensions are in inches

Mini Pins

ORDERING INFORMATION

Part Number	'A'	'B'
MP-125-1	.020	.400
MP-125-2	.020	.600
MP-125-3	.020	.900
MP-130-1	.032	.400
MP-130-2	.032	.600
MP-130-3	.032	.900
MP-135-1	.040	.400
MP-135-2	.040	.600
MP-135-3	.040	.900
MP-140-1	.062	.400
MP-140-2	.062	.600
MP-140-3	.062	.900

Standard Plating - Nickel (Other Options are Available)

ORDERING INFORMATION

Part Number	'A'	'B'	Board Thickness
MP-160-1	.051	.200	.031
MP-160-2	.082	.200	.062
MP-162-1	.051	.250	.031
MP-162-2	.082	.250	.062
MP-165-1	.051	.300	.031
MP-165-2	.082	.300	.062
MP-166-1	.051	.400	.031
MP-166-2	.082	.400	.062
MP-170-1	.051	.600	.031
MP-170-2	.082	.600	.062
MP-172-1	.051	.800	.031
MP-172-2	.082	.800	.062
MP-175-1	.051	.900	.031
MP-175-2	.082	.900	.062

Standard Plating - Gold (Other Options are Available)

ORDERING INFORMATION

Part Number	'A'	'B'	Board Thickness
MP-200-1	.051	.140	.031
MP-200-1	.082	.140	.062
MP-200-3	.113	.140	.094
MP-205-1	.051	.250	.031
MP-205-2	.082	.250	.062
MP-205-3	.113	.250	.094
MP-205-4	.145	.250	.125

Standard Plating - Silver (Other Options are Available)

ORDERING INFORMATION

Part Number	'A'	'B'	Board Thickness
MP-230-1	.075	.150	.031
MP-230-2	.105	.150	.062
MP-230-3	.135	.150	.094
MP-235-1	.075	.300	.031
MP-235-2	.105	.300	.062
MP-235-3	.135	.300	.094

Standard Plating - Gold (Other Options are Available)

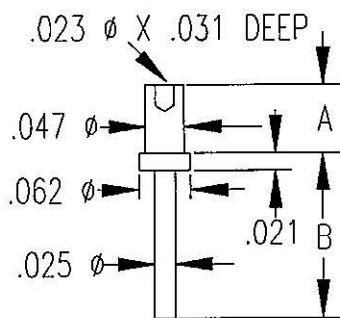


ELPAKCO, INC.

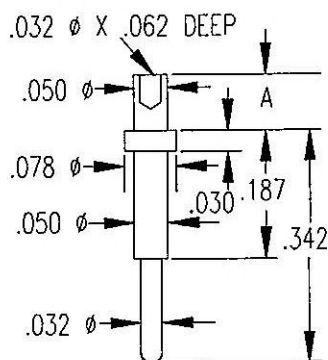
2 Carl Thompson Road, Westford, MA 01886, Tel: 978-392-0400, Fax: 978-392-6814

Series MP

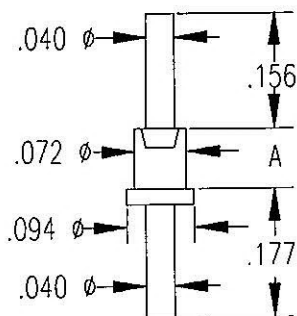
DRAWINGS



DRAWINGS



DRAWINGS



Note: All dimensions are in inches

Mini Pins

ORDERING INFORMATION

Part Number	'A'	'B'	Board Thickness
MP-260-1	.051	.100	.031
MP-260-2	.082	.100	.062
MP-265-1	.051	.200	.031
MP-265-2	.082	.200	.062

Standard Plating - Electro-Solder (Other Options are Available)

ORDERING INFORMATION

Part Number	'A'	Board Thickness
MP-290-1	.051	.031
MP-290-2	.082	.062
MP-290-3	.113	.094

Standard Plating - Electro-Solder (Other Options are Available)

ORDERING INFORMATION

Part Number	'A'	Board Thickness
MP-315-1	.051	.031
MP-315-2	.082	.062
MP-315-3	.113	.094

Standard Plating - Electro-Solder (Other Options are Available)



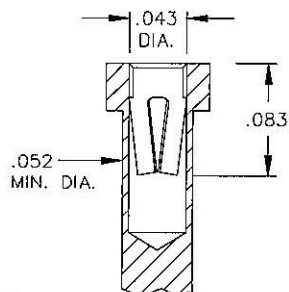
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Contacts

Contact Specifications - 3 Finger

#51



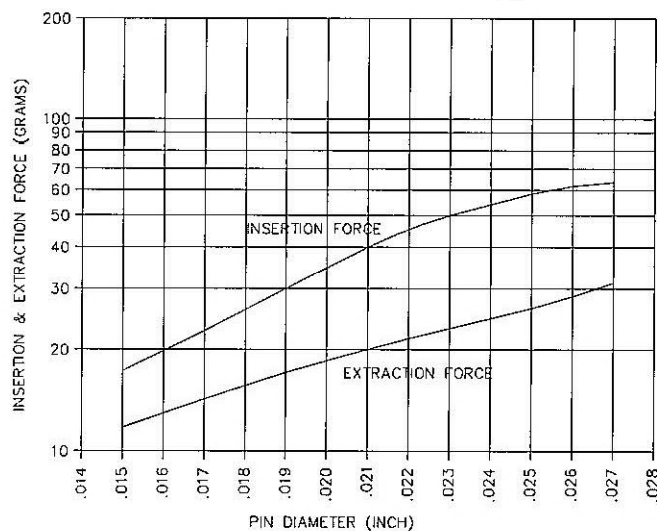
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

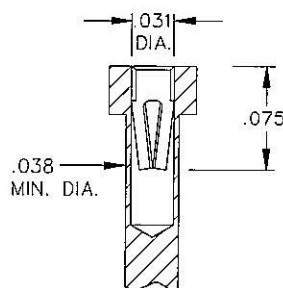
Tolerances: Lengths - ± 0.005

Diameters - ± 0.002

Angles - 2°



#32



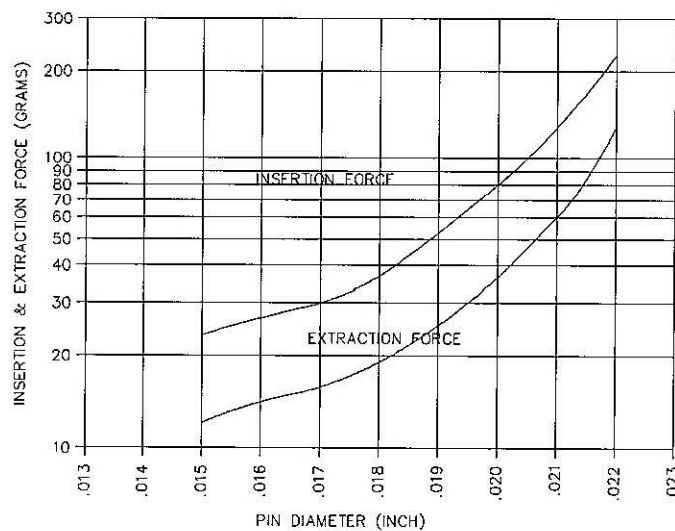
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

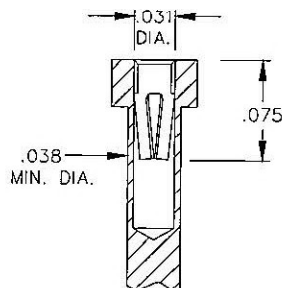
Tolerances: Lengths - ± 0.005

Diameters - ± 0.002

Angles - 2°



#30



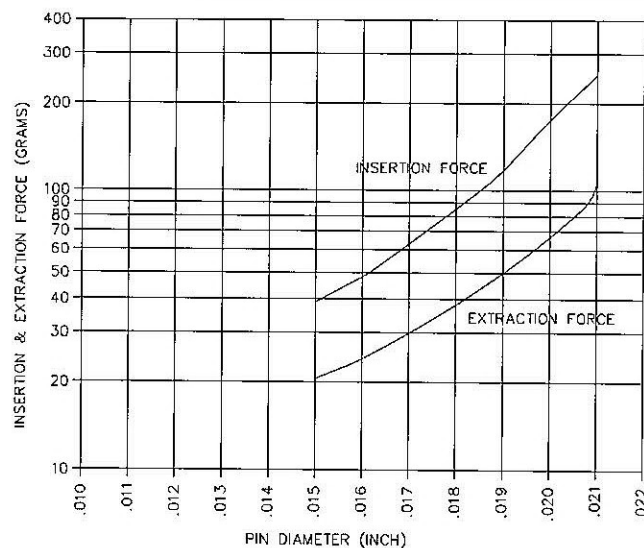
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - ± 0.005

Diameters - ± 0.002

Angles - 2°



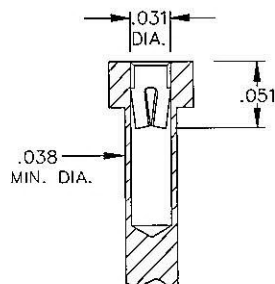
Note: All dimensions are in inches. Average operating range.



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#56



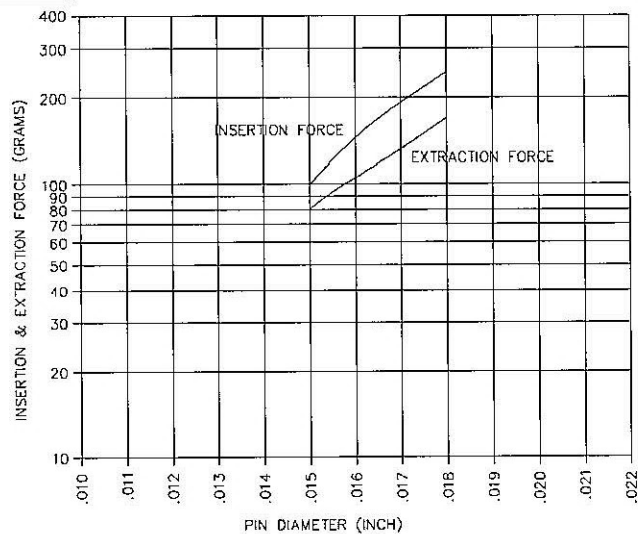
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$

Diameters - $\pm .002$

Angles - 2°



Note: All dimensions are in inches. Average operating range.



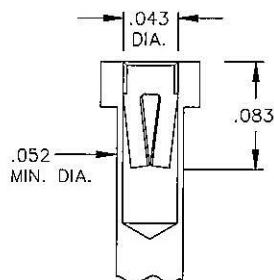
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Contacts

Contact Specifications - 4 Finger

#52



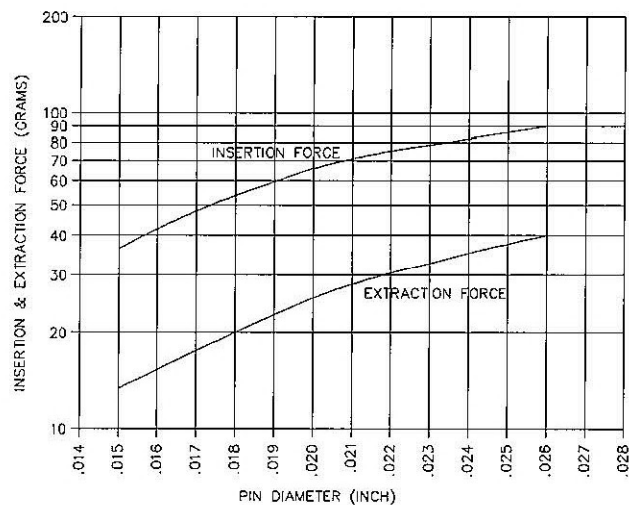
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

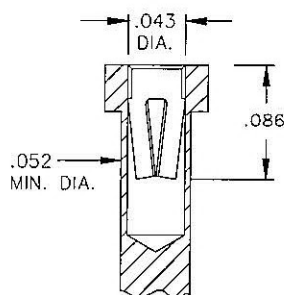
Tolerances: Lengths - $\pm .005$

Diameters - $\pm .002$

Angles - 2°



#36



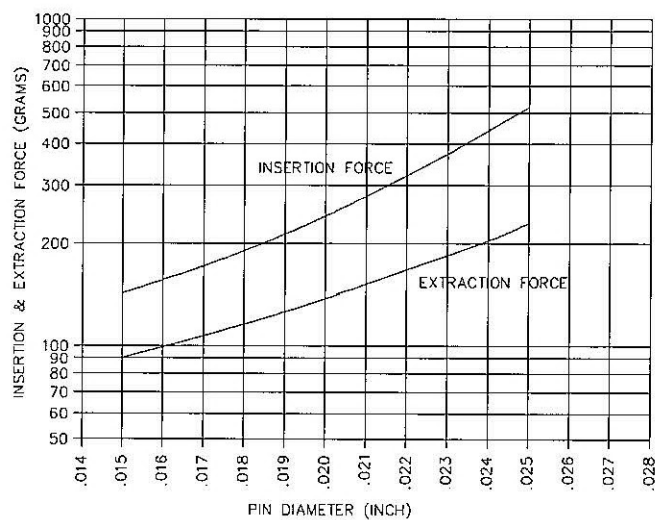
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

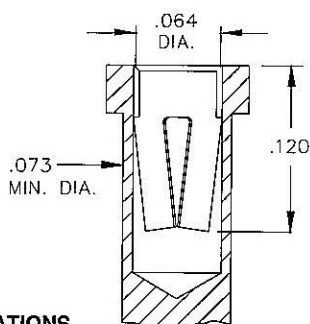
Tolerances: Lengths - $\pm .005$

Diameters - $\pm .002$

Angles - 2°



#42



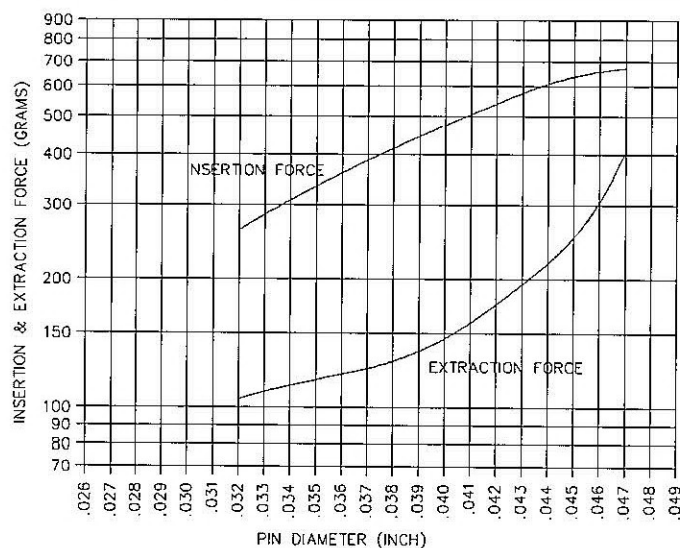
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$

Diameters - $\pm .002$

Angles - 2°



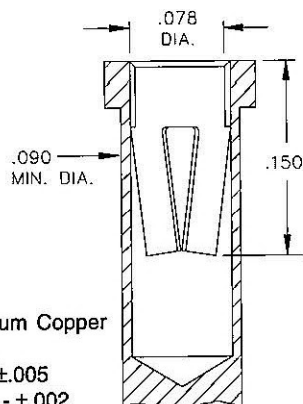
Note: All dimensions are in inches



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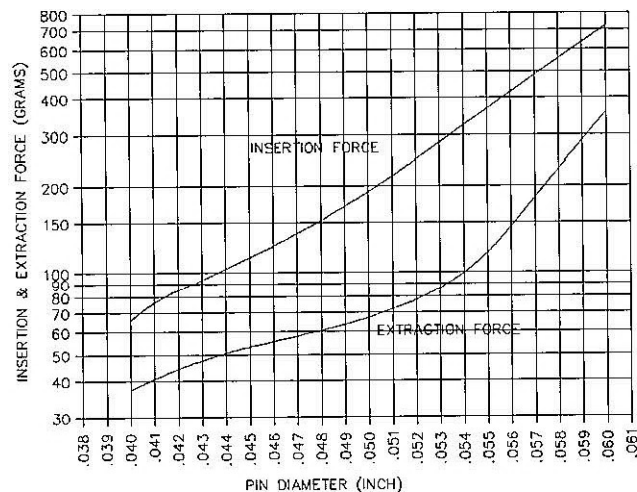
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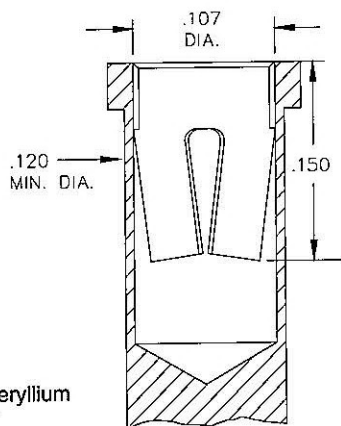
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°



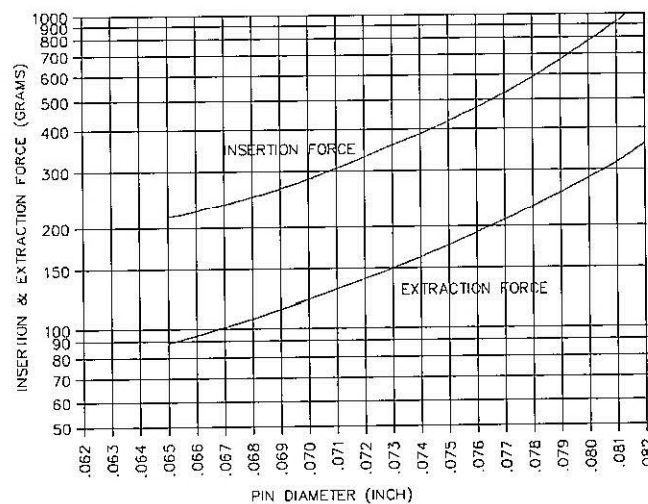
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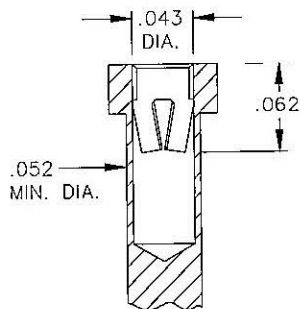
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°



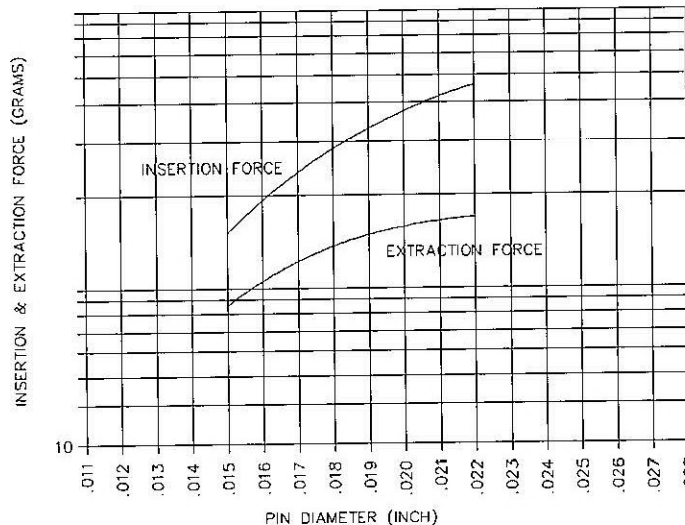
#33



SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°



Note: All dimensions are in inches. Average operating range.



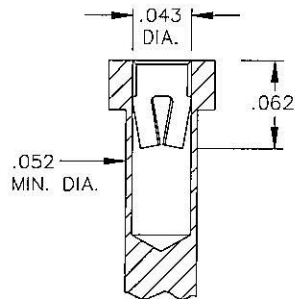
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Contacts

Contact Specifications - 6 Finger

#34



SPECIFICATIONS

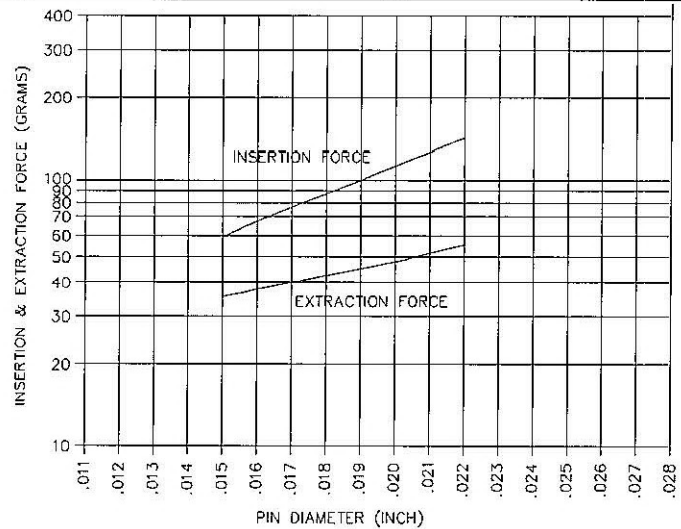
Contact Material: Beryllium Copper

Alloy 172, HT

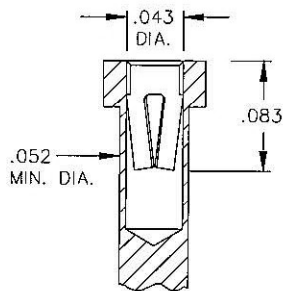
Tolerances: Lengths - ± 0.005

Diameters - ± 0.002

Angles - 2°



#46



SPECIFICATIONS

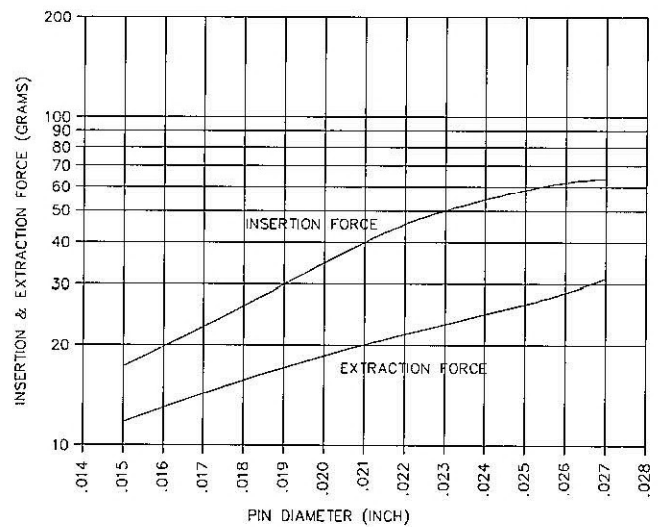
Contact Material: Beryllium

Copper Alloy 172, HT

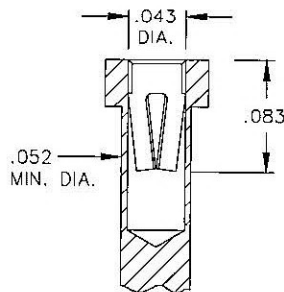
Tolerances: Lengths - ± 0.005

Diameters - ± 0.002

Angles - 2°



#45



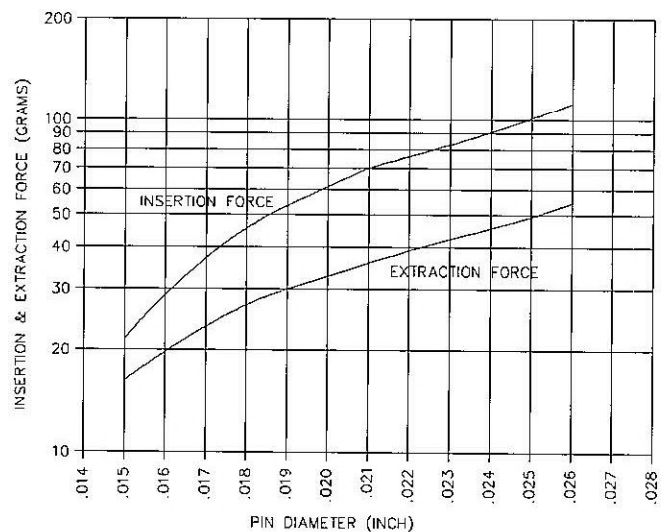
SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - ± 0.005

Diameters - ± 0.002

Angles - 2°



Note: All dimensions are in inches. Average operating range.



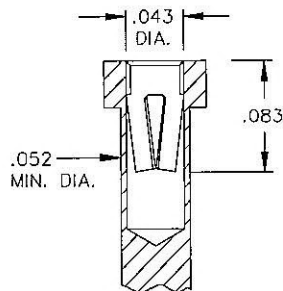
ELPAKCO, INC.

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Contacts

Contact Specifications - 6 Finger

#53

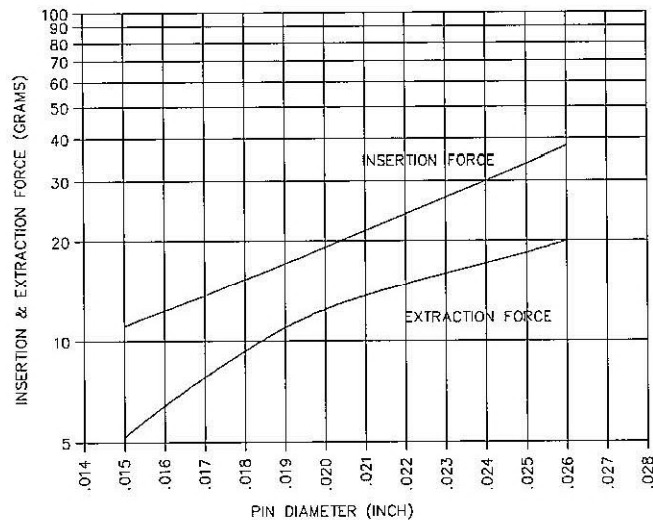


SPECIFICATIONS

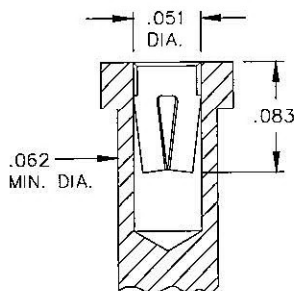
Contact Material: Beryllium Copper

Alloy 172, HT

Tolerances: Lengths - $\pm .005$
 Diameters - $\pm .002$
 Angles - 2°



#54

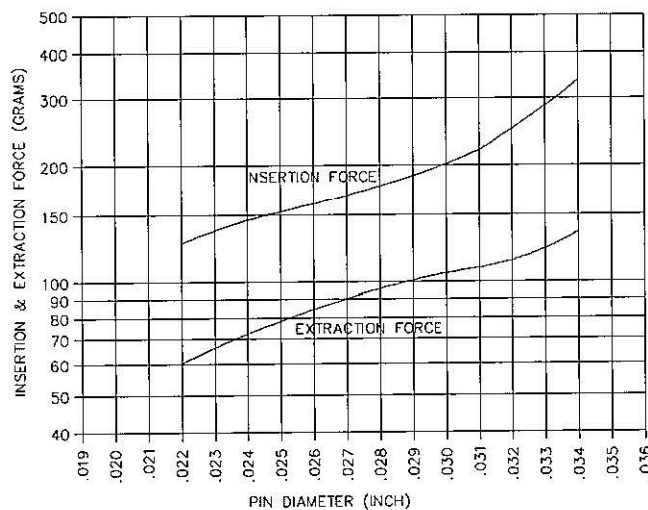


SPECIFICATIONS

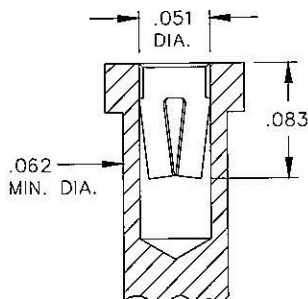
Contact Material: Beryllium

Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$
 Diameters - $\pm .002$
 Angles - 2°



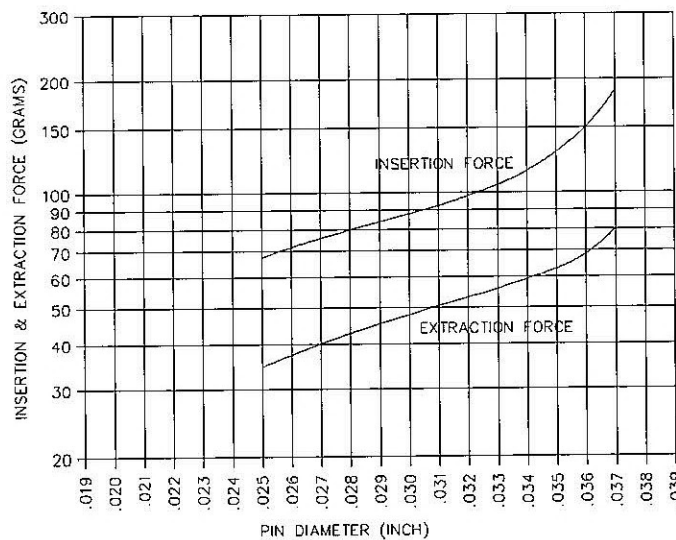
#48



SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$
 Diameters - $\pm .002$
 Angles - 2°



Note: All dimensions are in inches. Average operating range.



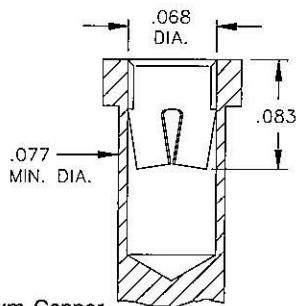
ELPAKCO, INC.

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Contacts

Contact Specifications - 6 Finger

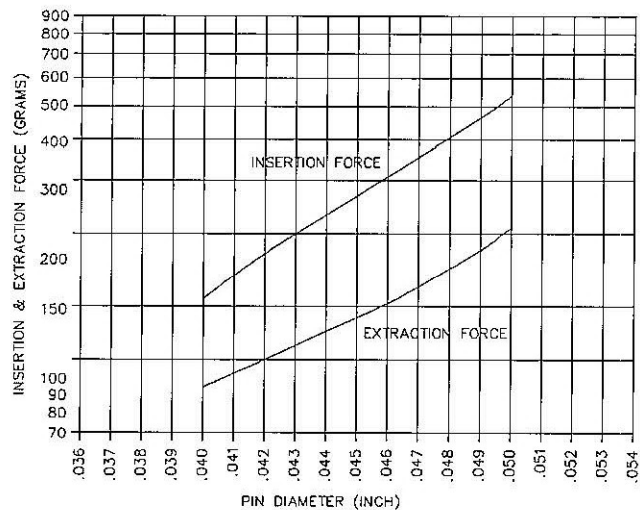
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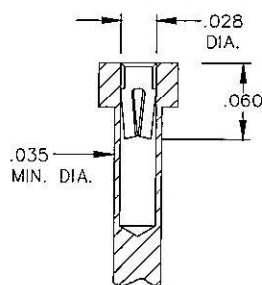
SPECIFICATIONS

Contact Material: Beryllium Copper
Alloy 172, HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°



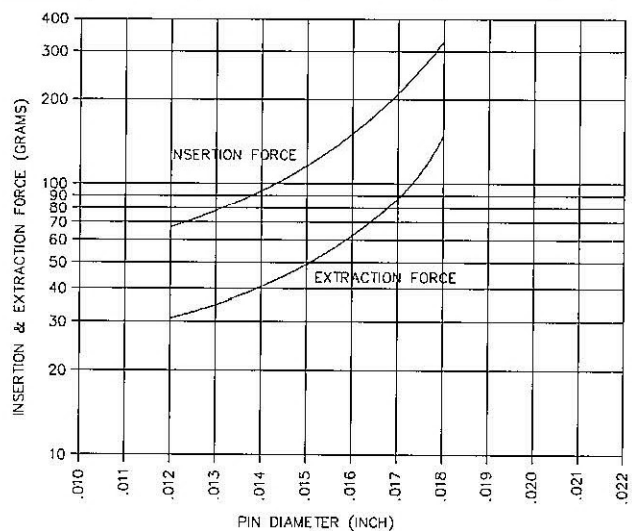
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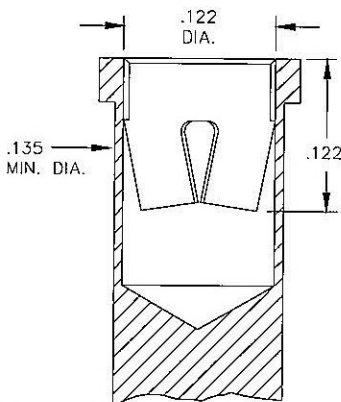
SPECIFICATIONS

Contact Material: Beryllium
Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°



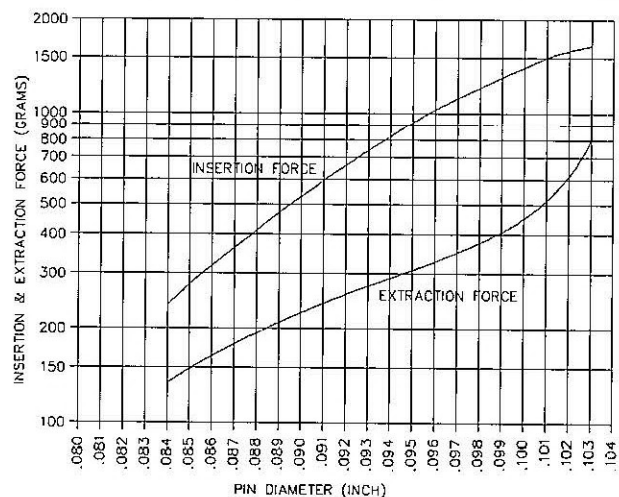
#55



SPECIFICATIONS

Contact Material: Beryllium Copper Alloy 172, HT

Tolerances: Lengths - $\pm .005$
Diameters - $\pm .002$
Angles - 2°



Note: All dimensions are in inches. Average operating range.



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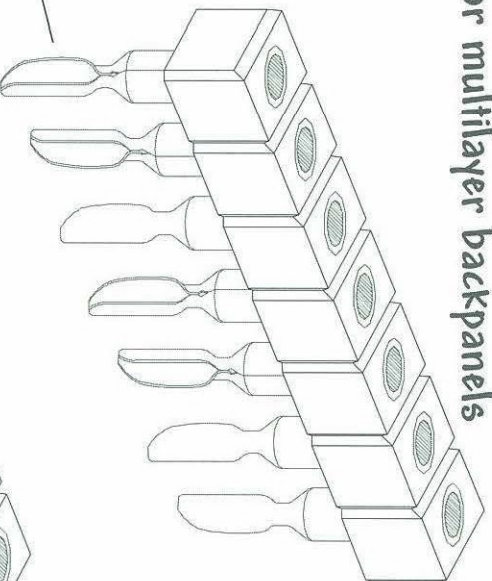
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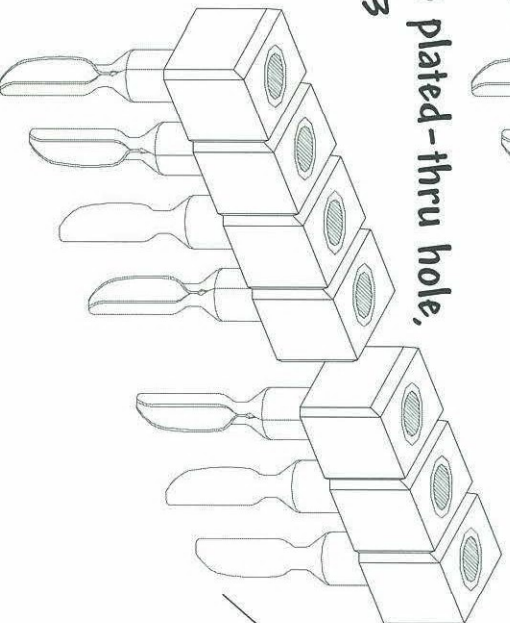
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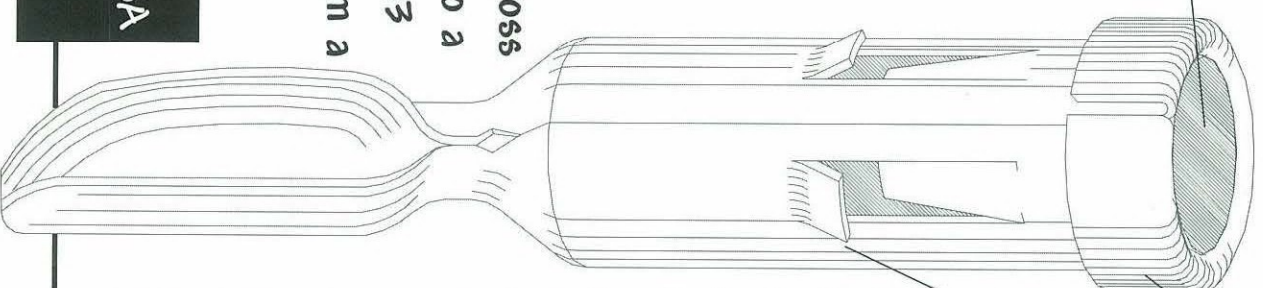


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