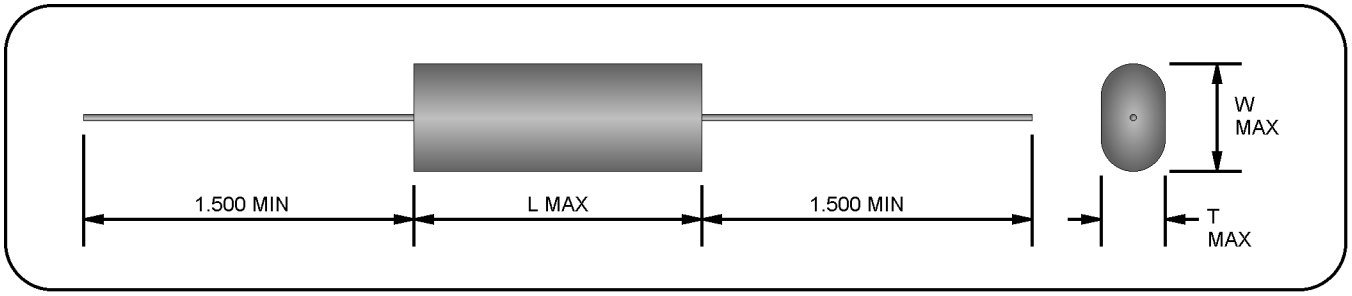
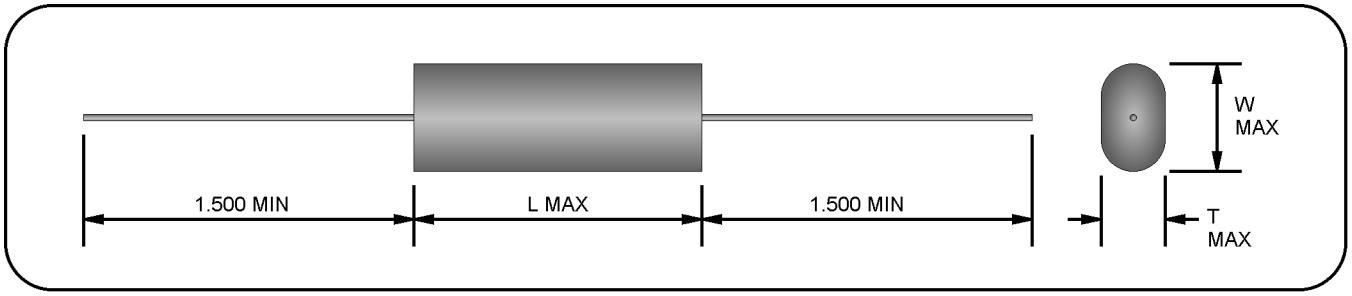


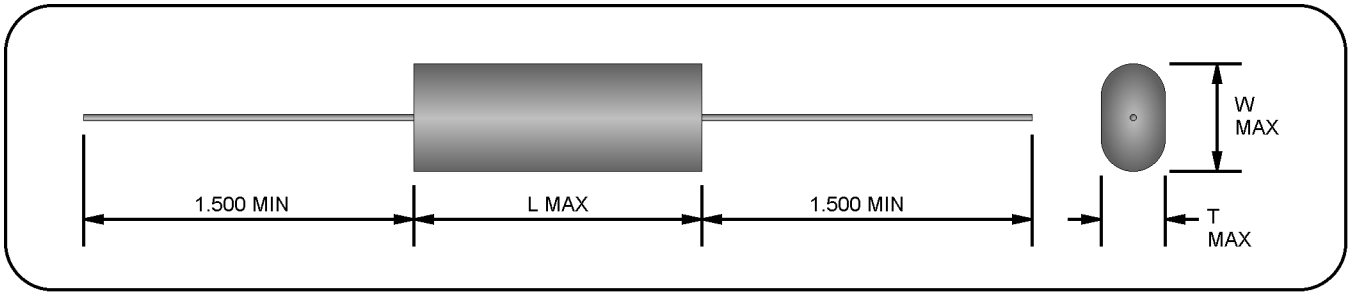
250VDC					
CAP (µF)	T MAX	W MAX	L MAX	LEAD AWG	I_{PEAK} (A)
0.10	0.217" (5.5mm)	0.394" (10.0mm)	0.551" (14.0mm)	22	1.0
0.15	0.236" (6.0mm)	0.413" (10.5mm)	0.748" (19.0mm)	22	1.1
0.22	0.276" (7.0mm)	0.413" (10.5mm)	0.748" (19.0mm)	22	1.5
0.33	0.315" (8.0mm)	0.492" (12.5mm)	0.748" (19.0mm)	22	2.3
0.47	0.315" (8.0mm)	0.531" (13.5mm)	0.984" (25.0mm)	20	1.9
0.68	0.374" (9.5mm)	0.610" (15.5mm)	0.984" (25.0mm)	20	2.7
1.0	0.433" (11.0mm)	0.689" (17.5mm)	0.984" (25.0mm)	20	4.0
1.5	0.433" (11.0mm)	0.689" (17.5mm)	1.260" (32.0mm)	20	6.0
2.2	0.492" (12.5mm)	0.787" (20.0mm)	1.260" (32.0mm)	20	8.8
3.3	0.512" (13.0mm)	0.866" (22.0mm)	1.457" (37.0mm)	20	5.0
4.7	0.591" (15.0mm)	0.984" (25.0mm)	1.457" (37.0mm)	20	7.1
6.8	0.650" (16.5mm)	1.043" (26.5mm)	1.850" (47.0mm)	18	5.4

301 WEST O STREET • OGALLALA, NE 69153
Phone: (308) 284-3611
Fax: (308) 284-8324
e-mail: sales@ascapacitor.com
web: www.ascapacitor.com



400VDC					
CAP (µF)	T MAX	W MAX	L MAX	LEAD AWG	I_{PEAK} (A)
0.10	0.256" (6.5mm)	0.453" (11.5mm)	0.748" (19.0mm)	22	1.0
0.15	0.315" (8.0mm)	0.531" (13.5mm)	0.748" (19.0mm)	22	1.5
0.22	0.315" (8.0mm)	0.551" (14.0mm)	0.984" (25.0mm)	20	1.4
0.33	0.374" (9.5mm)	0.630" (16.0mm)	0.984" (25.0mm)	20	2.1
0.47	0.374" (9.5mm)	0.630" (16.0mm)	1.260" (32.0mm)	20	3.1
0.68	0.433" (11.0mm)	0.748" (19.0mm)	1.260" (32.0mm)	20	4.4
1.0	0.472" (12.0mm)	0.827" (21.0mm)	1.260" (32.0mm)	20	6.5
1.5	0.512" (13.0mm)	0.866" (22.0mm)	1.457" (37.0mm)	20	4.5
2.2	0.630" (16.0mm)	0.984" (25.0mm)	1.457" (37.0mm)	20	6.6
3.3	0.630" (16.0mm)	1.102" (28.0mm)	1.850" (47.0mm)	18	3.3
4.7	0.866" (22.0mm)	1.339" (34.0mm)	1.850" (47.0mm)	18	4.7

301 WEST O STREET • OGALLALA, NE 69153
Phone: (308) 284-3611
Fax: (308) 284-8324
e-mail: sales@ascapacitor.com
web: www.ascapacitor.com



630VDC					
CAP (µF)	T MAX	W MAX	L MAX	LEAD AWG	I_{PEAK} (A)
0.10	0.315" (8.0mm)	0.512" (13.0mm)	0.984" (25.0mm)	20	1.0
0.15	0.354" (9.0mm)	0.591" (15.0mm)	0.984" (25.0mm)	20	1.5
0.22	0.354" (9.0mm)	0.610" (15.5mm)	1.260" (32.0mm)	20	2.2
0.33	0.453" (11.5mm)	0.768" (19.5mm)	1.260" (32.0mm)	20	3.3
0.47	0.551" (14.0mm)	0.906" (23.0mm)	1.260" (32.0mm)	20	4.7
0.68	0.591" (15.0mm)	0.945" (24.0mm)	1.457" (37.0mm)	20	2.7
1.0	0.630" (16.0mm)	0.984" (25.0mm)	1.850" (47.0mm)	18	2.0
1.5	0.787" (20.0mm)	1.142" (29.0mm)	1.850" (47.0mm)	18	3.0
2.2	0.945" (24.0mm)	1.339" (34.0mm)	1.850" (47.0mm)	18	4.4

301 WEST O STREET • OGALLALA, NE 69153
Phone: (308) 284-3611
Fax: (308) 284-8324
e-mail: sales@ascapacitor.com
web: www.ascapacitor.com

GENERAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

CONSTRUCTION: NON-INDUCTIVE WOUND METALLIZED POLYPROPYLENE.

CASE: TAPE WRAP CASE AND EPOXY FILL.

LEAD MATERIAL: AXIAL SOLDER COATED OR TINNED SOLID WIRE, AWG AS SPECIFIED IN TABLES.

DIMENSIONS: AS SPECIFIED IN TABLES.

ELECTRICAL CHARACTERISTICS

CAPACITANCE: AS SPECIFIED IN TABLES ± REQUESTED TOLERANCE WHEN MEASURED AT OR REFERRED TO 1000 ± 20 HZ AND 25 ± 5 °C.

TOLERANCE: ±5%, ±10%, AND ±20% AVAILABLE. OTHER TOLERANCES AVAILABLE UPON REQUEST.

DISSIPATION FACTOR: SHALL NOT BE GREATER THAN 0.1% WHEN MEASURED AT OR REFERRED TO 1000 ± 20 HZ AND 25 ± 5 °C.

INSULATION RESISTANCE: SHALL BE GREATER THAN 30,000 MΩ FOR CAPACITANCE VALUES 0.33 µF AND LESS OR 10,000 MΩ X µF FOR CAPACITANCE VALUES GREATER THAN 0.33 µF WHEN MEASURED AFTER 2 MINUTES ELECTRIFICATION AT 100VDC AND 25 ± 5 °C.

DIELECTRIC STRENGTH: 160% RATED VOLTAGE FOR 2 SECONDS THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25 ± 5 °C.

RATED VOLTAGE: 250VDC, 400VDC, AND 630VDC AVAILABLE.

TEMPERATURE: -40 °C TO +85 °C AT FULL RATED VOLTAGE OPERATIONAL TEMPERATURE, +105 °C MAX STORAGE TEMPERATURE.

ADDITIONAL INFORMATION

ORDERING INFORMATION: ALL ASC CAPACITORS ARE ORDERED BY "FAMILY CAP-TOL-VOLT" DESIGNATION. (I.E. TO ORDER AN X323 0.1µF, ±10%, 250VDC CAPACITOR, REQUEST PART NUMBER "X323 .1-10-250")

SEE ALSO: "GENERAL INFORMATION - POLYPROPYLENE CAPACITORS" DOCUMENT FOR ADDITIONAL PHYSICAL, ELECTRICAL, AND PERFORMANCE CHARACTERISTICS NOT MENTIONED IN THIS FILE.

WARNING: INFORMATION ON THIS FILE IS SUBJECT TO CHANGE WITHOUT NOTICE AT ASC'S DISCRETION.

LAST MODIFIED: 09/05/01

301 WEST O STREET • OGALLALA, NE 69153
Phone: (308) 284-3611
Fax: (308) 284-8324
e-mail: sales@ascapacitor.com
web: www.ascapacitor.com