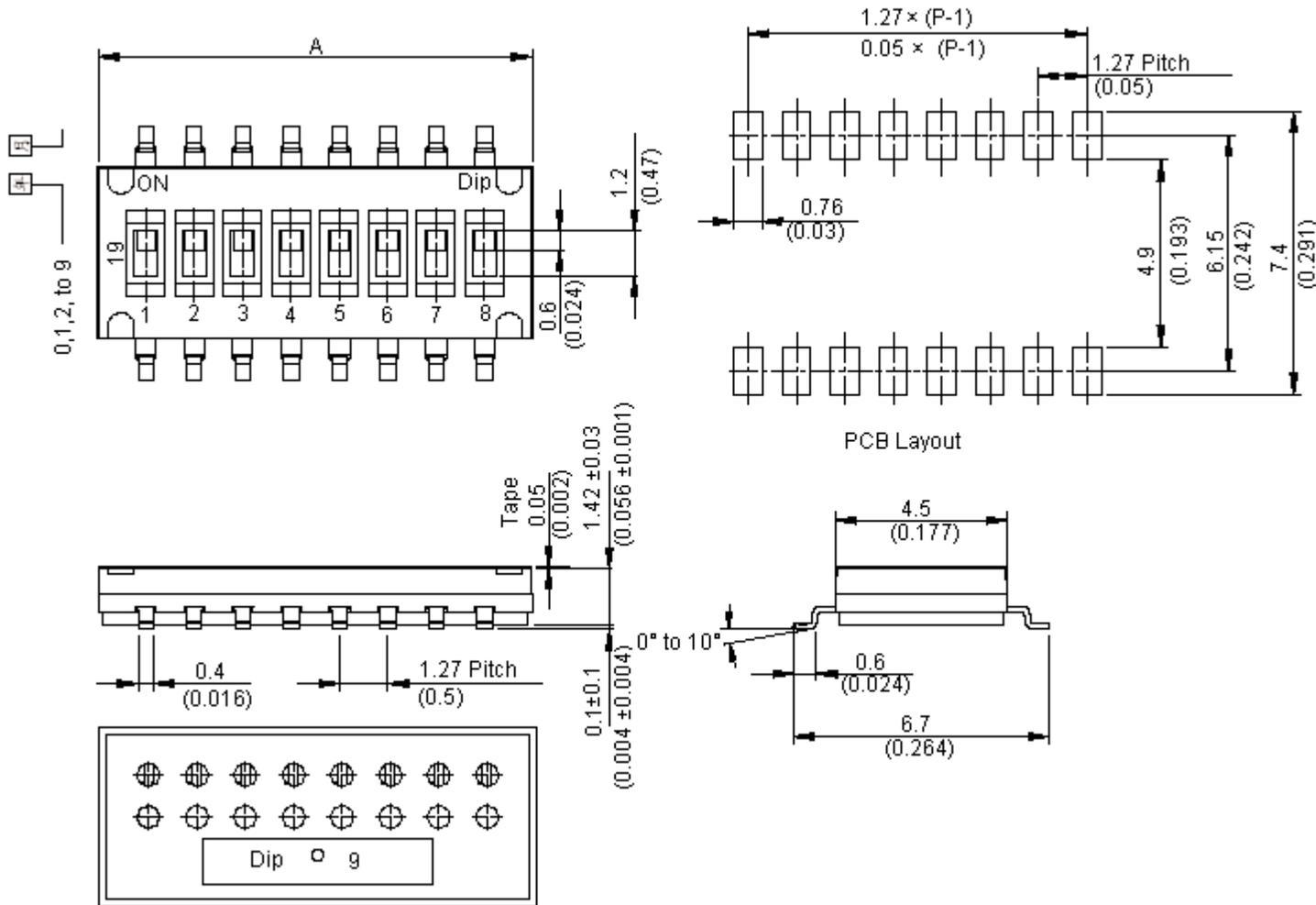


REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ashok	14/01/12	Jagan	14/01/12	Farnell	28/01/12



Dimensions : Millimetres (Inches)

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Ashok	14/01/12
<b>CHECKED BY:</b>	<b>DATE:</b>
Jagan	14/01/12
<b>APPROVED BY:</b>	<b>DATE:</b>
	28/01/12

**DRAWING TITLE:**

**DIL Switch - MCDHN Series, Top Tape Sealed**

<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
A	M10001608	(F)NHDS-V_2_DWG	A
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 2 OF 5</b>



PART NO.

MCDHN - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ashok	14/01/12	Jagan	14/01/12	Farnell	28/01/12

**Specifications:**

Mechanical life : 1,000 cycles  
 Operation force : 500 gf  
 Stroke : 0.6 mm  
 Operation temperature : -40°C to +85°C  
 Storage temperature : -40°C to +85°C

**Electrical:**

Electrical life : 1,000 cycles  
 Non-switching rating : 100 mA, 50 V dc  
 Switching rating : 25 mA, 24 V dc  
 Maximum contact resistance : 100 mΩ at initial  
 Minimum insulation resistance : 100 mΩ at 500 V dc  
 Dielectric strength : 300 V ac / 1 minute  
 Circuit : SPST

**Material:**

Base : Nylon high-temperature thermoplastic  
 Colour : Black  
 Cover : Nylon high-temperature thermoplastic  
 Colour : Black  
 Actuators : LCP high-temperature thermoplastic  
 Colour : White  
 Contact : Alloy copper with gold plated  
 Terminal : Brass with gold plated  
 Tape : KAPTON

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Ashok	14/01/12
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Jagan	14/01/12
<b>APPROVED BY:</b>	<b>DATE:</b>
	28/01/12

**DRAWING TITLE:**

**DIL Switch - MCDHN Series, Top Tape Sealed**

<b>SIZE</b> A	<b>DWG NO.</b> M10001608	<b>ELECTRONIC FILE</b> (F)NHDS-V_2_DWG	<b>REV</b> A
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 3 OF 5</b>



PART NO.

MCDHN - Series

REVISIONS

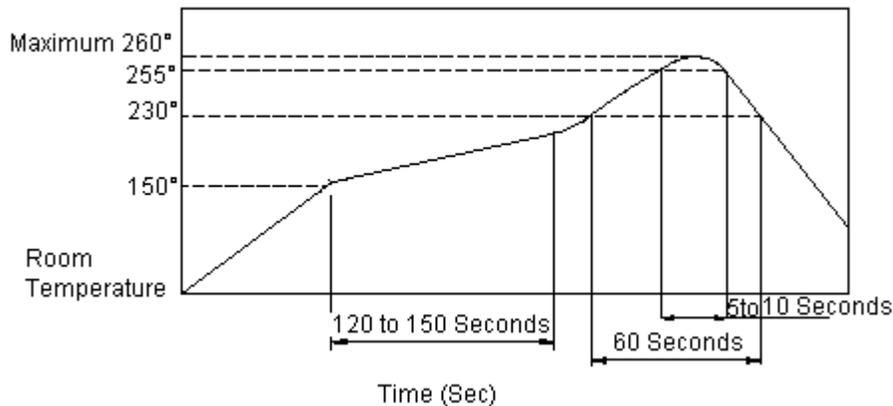
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ashok	14/01/12	Jagan	14/01/12	Farnell	28/01/12

**Soldering Process:**

**Cleaning:**

1. Only tape sealed types apply to wash process
  2. Do not remove the tape before wash process
  3. After soldering process, do not continue the wash process immediately. Please wait for at least 3 minutes
  4. Apply alcoholic solvents as cleaning agent do not use other solvents or water
  5. Ultrasonic cleaning is not recommended
  6. The cleaning process per stage is maximum 1 minute and the whole cleaning time are not to exceed 3 minutes
  7. Do not impose any external force on switch while washing
- Any flux enters the switch may fail the conductivity

**Reflow Temperature Profile:**



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**DRAWING TITLE:**

**DIL Switch - MCDHN Series, Top Tape Sealed**

<b>SIZE</b> <b>A</b>	<b>DWG NO.</b> <b>M10001608</b>	<b>ELECTRONIC FILE</b> (F)NHDS-V_2_DWG	<b>REV</b> <b>A</b>
<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 4 OF 5</b>

