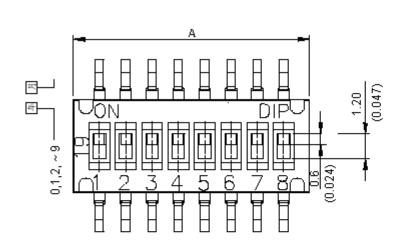
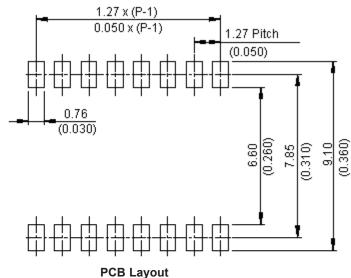
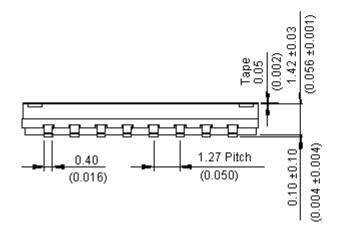


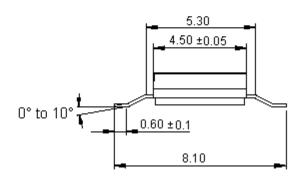
MCDHN-02-V - Series

		REVISIONS						
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Dimensions : Millimetres (Inches)

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Suresh	12/08/08
APPROVED BY:	DATE:
G.Cook	26/08/08

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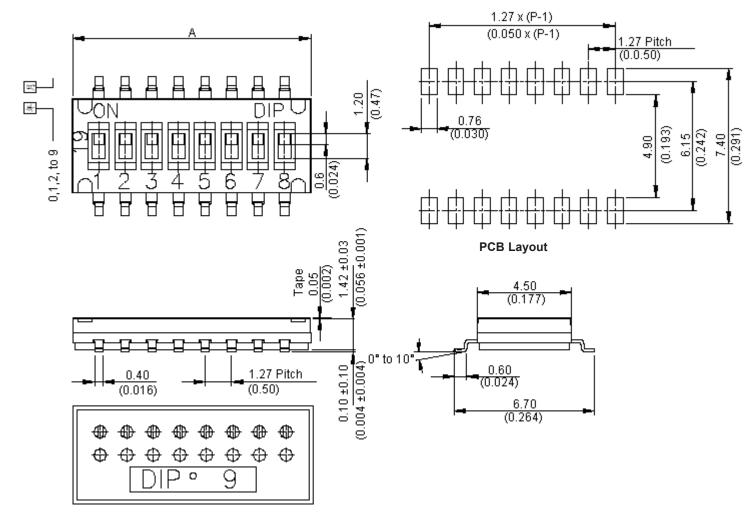
 SIZE A
 DWG NO.
 M10001607
 ELECTRONIC FILE (F)NHDS-V_1_DWG
 REV A

 SCALE: NTS
 U.O.M.: mm (Inches)
 SHEET: 1 OF 5



MCDHN-02-V - Series

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DRAWI	NG TITLE:		
		DIL Switch - MC	DHN Series
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 SIZE A
 DWG NO.
 M10001607
 ELECTRONIC FILE (F)NHDS-V_1_DWG
 REV A

 SCALE: NTS
 U.O.M.: mm (Inches)
 SHEET: 2 OF 5



MCDHN-02-V - Series

REVISIONS								
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Specifications:

Mechanical life : 1000 cycles.

Operation force : 500gf.

Stroke : 0.6mm.

Operation temperature : -40°C to +85°C. Storage temperature : -40°C to +85°C.

Electrical:

 $\begin{tabular}{lll} Electrical life & : 1000 cycles. \\ Non-switching rating & : 100mA, 50V dc. \\ Switching rating & : 25mA, 24V dc. \\ Maximum contact resistance & : 100mΩ at initial. \\ Minimum insulation resistance & : 100mΩ at 500V dc. \\ Dielectric strength & : 300V ac/1 minute. \\ \end{tabular}$

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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DRAWING TITLE:								
		DIL Switch - MCDHN Series						
SIZE A	DWG NO.	M10001607		ELECTRONIC FILE (F)NHDS-V_1_DWG			REV A	
SCAL	E: NTS	U.O.M.: mm (Inches)	hes) SHEET: 3 (OF	5	



MCDHN-02-V - Series

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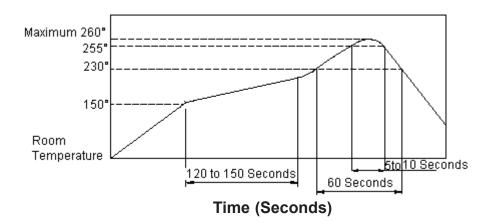
Soldering Process:

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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G.Cook	26/08/08

	DRAWING TITLE:								
]		DIL Switch - MC	DHN	Series				
	SIZE A	DWG NO.	M10001607	l -	ELECTRONIC FILE (F)NHDS-V_1_DWG		REV A		
SCALE: NTS		E: NTS	U.O.M.: mm (Inches)	hes) SHEET: 4		OF	5		



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MCDHN-02-V - Series

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Part Number Table

Description	Part Number			
DIL Switch 2 Way - Without Tape	MCDHN-02-V			
DIL Switch 4 Way - Without Tape	MCDHN-04-V			
DIL Switch 6 Way - Without Tape	MCDHN-06-V			
DIL Switch 8 Way - Without Tape	MCDHN-08-V			
DIL Switch 10 Way - Without Tape	MCDHN-10-V			

Part Number Explanation:



Dip Switch: F = Half Pitch Dip Switch (Terminal Length 8.1mm).

Selated : □ = Without Tape.
Soldering : V = Lead Free Solderable.

http://www.farnell.com

http://www.newark.com

http://www.cpc.co.uk

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	DRAWI	NG TITLE:						
	DIL Switch - MCDHN Series							
	SIZE A	DWG NO.	M10001607	ELECTRONIC FILE (F)NHDS-V_1_DWG				REV A
SCALE: NTS			U.O.M.: mm (Inches)		SHEET:	5	OF	5