

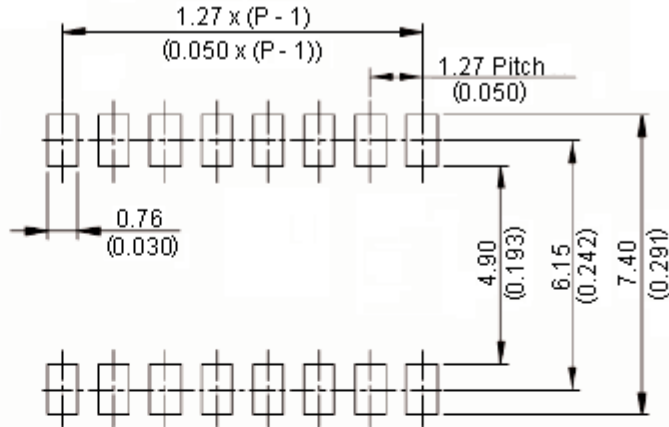
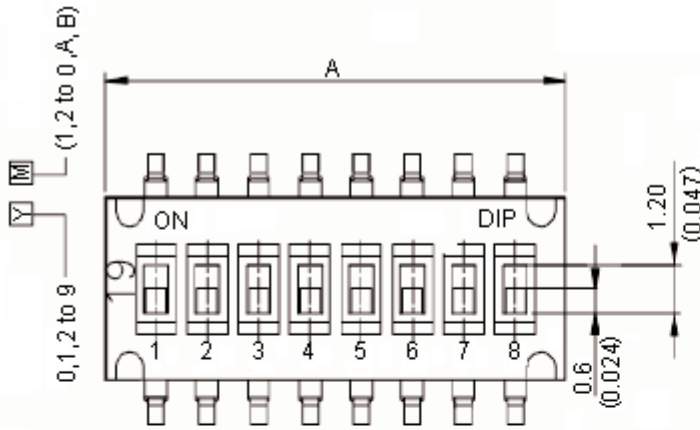


PART NO.

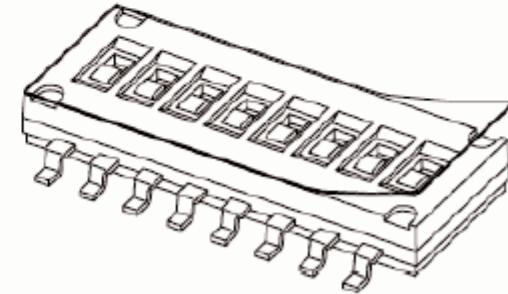
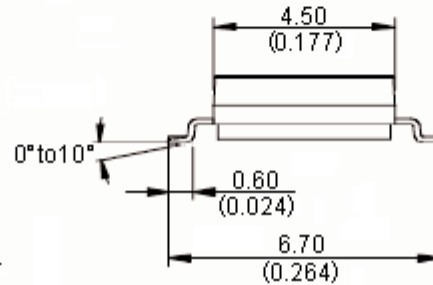
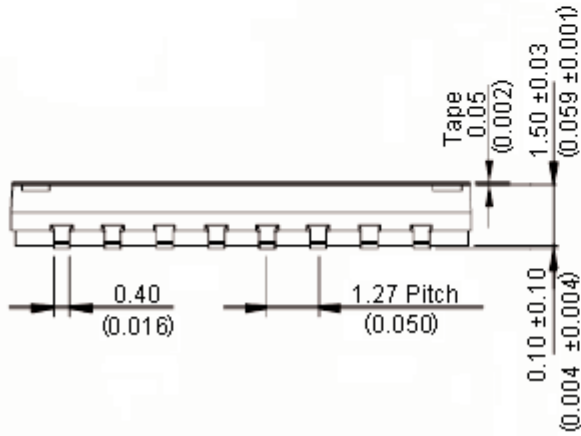
DIL Switch - MCDHN Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Arun	7/02/11	Jagan	7/02/11	Farnell	21/02/11



P.C.B Layout



Dimensions : Inches (Millimetres)

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Arun	07/02/11
CHECKED BY:	DATE:
Jagan	07/02/11
APPROVED BY:	DATE:
Farnell	21/02/11

DRAWING TITLE:

DIL Switch - MCDHN Series

SIZE A	DWG NO. M10002854	ELECTRONIC FILE DHN_DWG	REV A
SCALE: NTS	U.O.M.: mm	SHEET: 1 OF 4	



PART NO.

DIL Switch - MCDHN Series

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Specifications:

Mechanical Life	Operation Force	Stroke	Operation Temperature	Storage Temperature
1000 cycles	500 gf	9	-40°C to +85°C	-40°C to +85°C

Electrical:

Electrical Life	Non-switching Rating	Switching Rating	Contact Resistance	Insulation Resistance	Dielectric Strength	Circuit
1000 cycles	100 mA, 50VDC	25 mA, 24VDC	100mΩ maximum at initial	100MΩ minimum (at 500VDC)	300VAC/1 minute	SPST

Material:

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

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	Arun	07/02/11				
	CHECKED BY:	DATE:	SIZE	DWG NO.	ELECTRONIC FILE	REV
	Jagan	07/02/11	A	M10002854	DHN_DWG	A
	APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm	SHEET: 2 OF 4
Farnell	21/02/11					



PART NO.

DIL Switch - MCDHN Series

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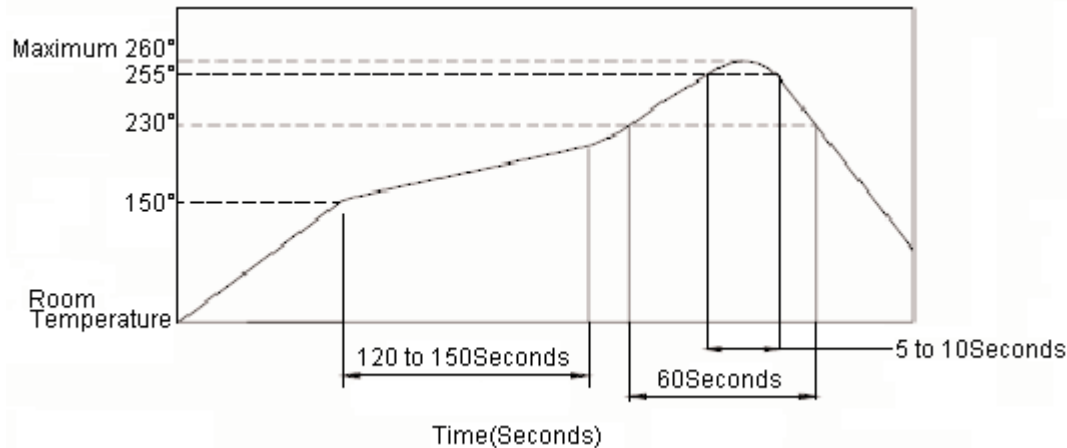
Soldering Process:

Cleaning:

- Only tape sealed types apply to wash process.
- Do not remove the tape before wash process.
- After soldering process, do not continue the wash process immediately. Please wait for at least 3 minutes.
- Apply alcoholic solvents as cleaning agent do not use other solvents or water.
- Ultrasonic cleaning is not recommended.
- The cleaning process per stage is maximum. 1 minute and the whole cleaning time are not to exceed 3 minutes.

Any flux enters the switch may fall the conductivity.

Reflow Temperature Profile: (reference)



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Farnell	21/02/11

DRAWING TITLE:			
DIL Switch - MCDHN Series			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10002854	DHN_DWG	A
SCALE: NTS	U.O.M.: mm	SHEET: 3 OF 4	



PART NO.

DIL Switch - MCDHN Series

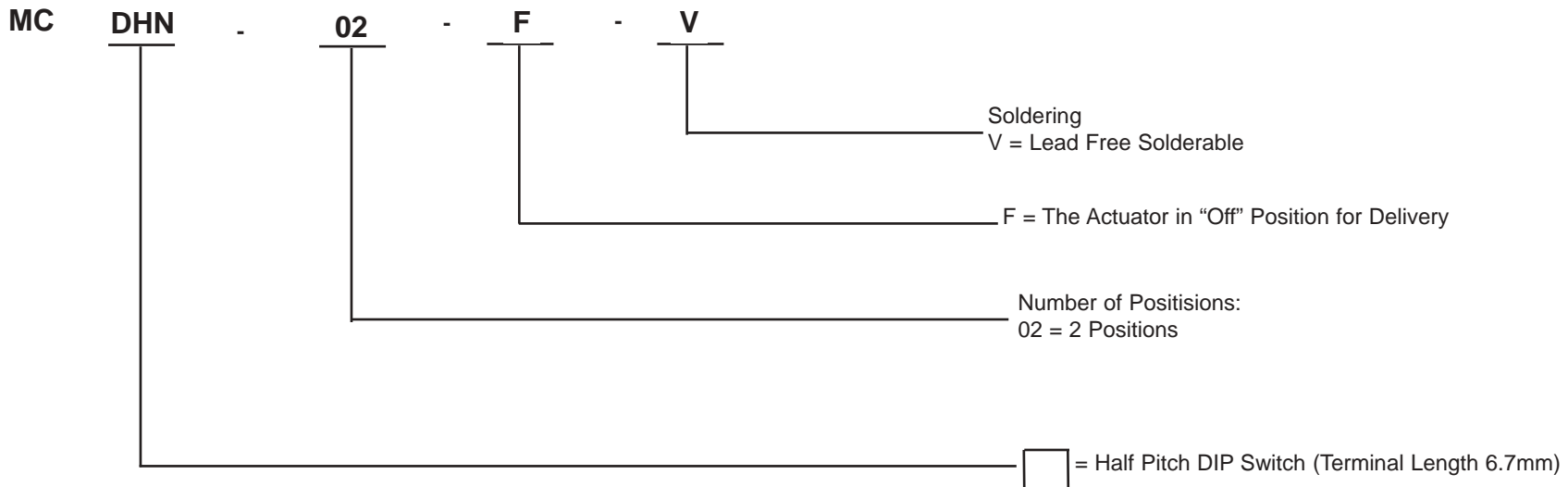
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Specification Table

Description	No. of Positions	Dimensions A	Part Numbers
Switch, DIP, SMD, 2 Way	2	3.77 (0.148)	MCDHN-02F-V
Switch, DIP, SMD, 4 Way	4	6.31 (0.248)	MCDHN-04F-V
Switch, DIP, SMD, 6 Way	6	8.85 (0.348)	MCDHN-06F-V
Switch, DIP, SMD, 8 Way	8	11.39 (0.448)	MCDHN-08F-V
Switch, DIP, SMD, 10 Way	10	13.93 (0.548)	MCDHN-10F-V

Part Number Explanation



Number of Positions:
04 = 4, 06 = 6, 08 = 8 and 10 = 10 Positions

<http://www.farnell.com>
<http://www.newark.com>
<http://www.cpc.co.uk>

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