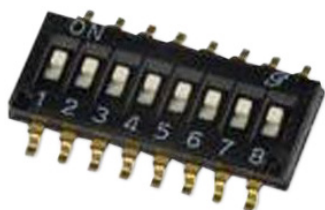


DIL Switch

MCDHN Series



Specifications:

Mechanical Life	: 1,000 cycles
Operation Force	: 500 gf
Stroke	: 0.6mm
Operation Temperature	: -40°C to+85°C
Storage Temperature	: -40°C to+85°C

Electrical

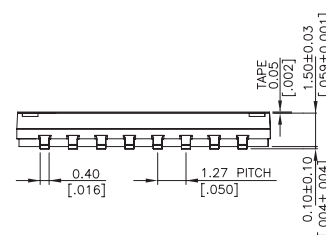
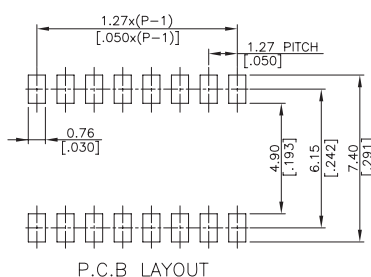
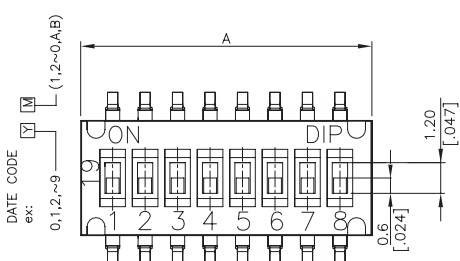
Electrical Life	: 1,000 Cycles
Non-Switching Rating	: 100mA, 50V DC
Switching Rating	: 25mA, 24V DC
Contact Resistance	: 100mΩ max. at initial
Insulation Resistance	: 100MΩ min. (at 500V DC)
Dielectric Strength	: 300V AC / 1minute
Circuit	: SPST

Material

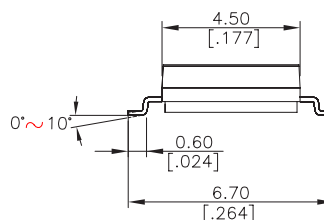
Base	: UL 94V-0 Nylon High – Temp. Thermoplastic
Colour	: Black
Cover	: UL 94V-0 Nylon High – Temp. Thermoplastic
Colour	: Black
Actuators	: LCP High – Temp. Thermoplastic
Colour	: White
Contact	: Alloy Copper With Gold Plated
Terminal	: Brass With Gold Plated
Tape	: Kapton

Dimensions:

(Terminal length 6.7mm)



Part Number	No of position	"A"
MCDHN-04F-V	04	6.31 (0.248)
MCDHN-08F-V	08	11.39 (0.448)



Dimensions : Millimetres (Inches)

www.element14.com
www.farnell.com
www.newark.com



DIL Switch

MCDHN Series

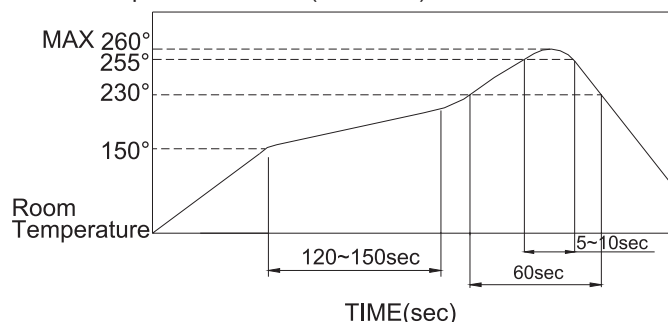


Soldering Process:

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 max. 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: (reference)



Part Number Explanation:

MCDHN



Half Pitch Dip Switch
(Terminal Length 6.7mm)

-0X



04 = 4 Positions
08 = 8 Positions

F



F = In OFF Position

-V



V = Lead Free Solderable

Part Number Table

Description	Part Number
Switch, DIP, SMD, 4 Way	MCDHN-04F-V
Switch, DIP, SMD, 8 Way	MCDHN-08F-V

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