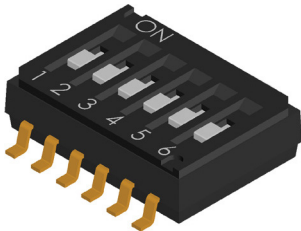


RoHS
Compliant



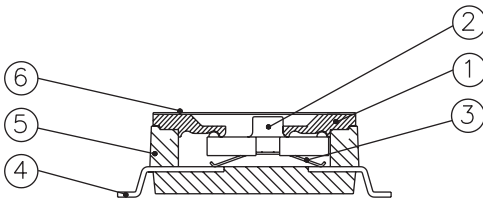
Features

- Low profile 2.2mm height
- Gold Contact for high reliability
- Top tape type for washing process
- Halogen Free

Specifications

Contact Rating	: 25mA, 24V DC
Contact Resistance	: 100mΩ Max.
Insulation Resistance	: 100MΩ Min. 500V DC
Dielectric Strength	: 300V AC/1 minute
Operating Force	: 500gf Max.
Travel	: 0.8mm
Operating Life	: 1000 cycles
Operating and Storage Temperature	: -40°C to +85°C

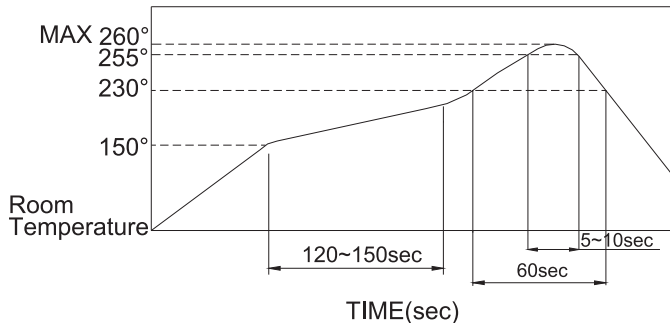
Construction



Item	Part Name	Materials	Treatment	Qty.
1	Cover	High – temp. Thermoplastic Nylon UL 94V-0	Molded Black	1
2	Actuator	High – temp. Thermoplastic LCP UL 94v-0	Molded White	
3	Contact	Alloy Copper	Gold Plated	
4	Terminal	Brass	Gold Contact Part	
5	Base	High – temp. Thermoplastic Nylon UL 94V-0	Molded Black	1
6	Tape	Katpon		

Soldering Conditions

Condition for Soldering- MP-DHA-XXXQ Series



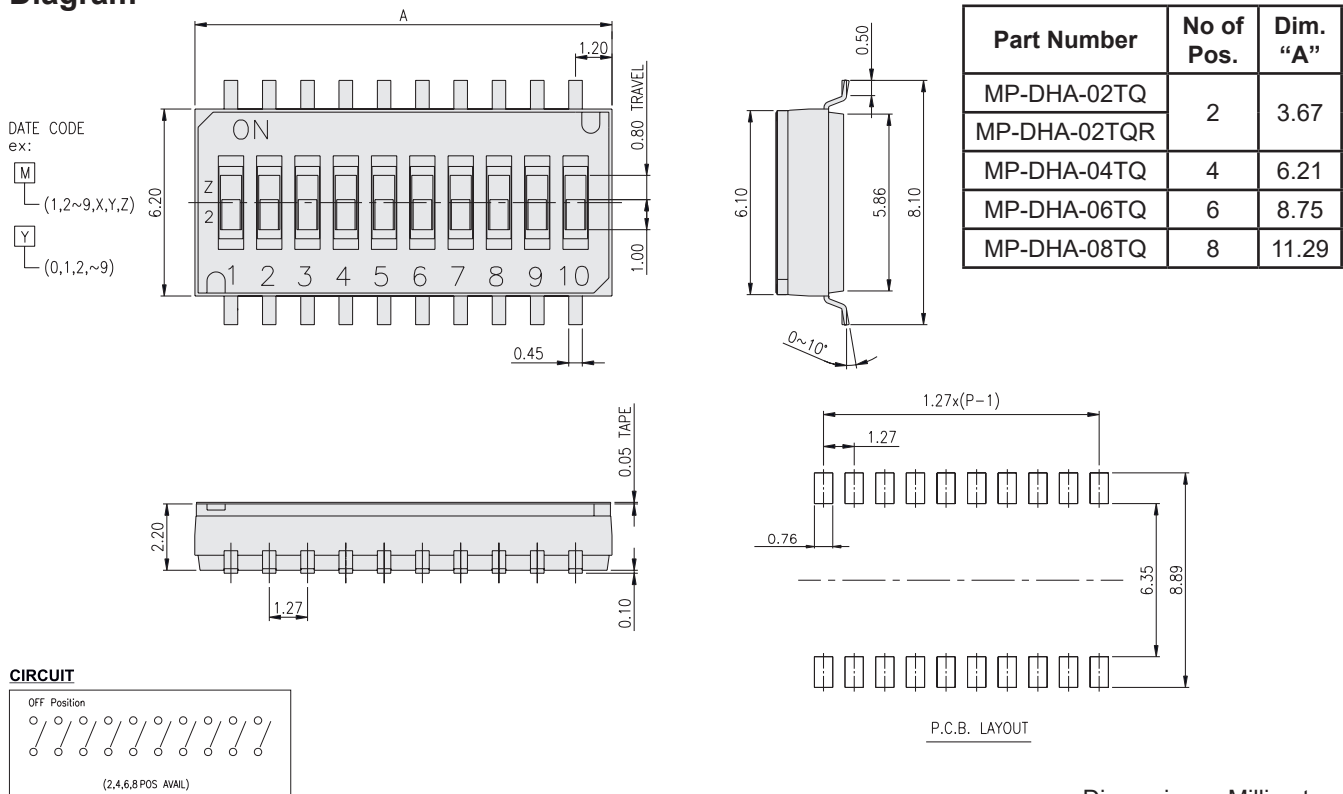
The condition mentioned above is the temperature on the Cu foil of the PCB surface.

There are cases where board's temperature greatly differs from switch's surface temperature depending on board's material, size, thickness, etc. Care, therefore, should be used not to allow switch's surface temperature to exceed 260°C.

Manual Soldering

Soldering Temperature	Max. 350°C
Continuous Soldering Time	Max. 5 seconds

Diagram

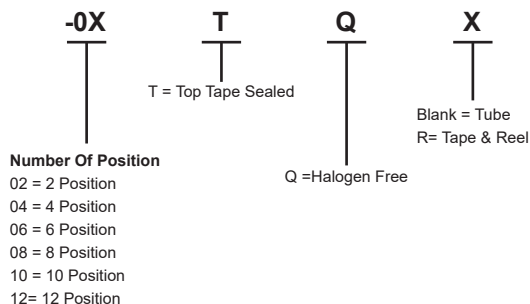


Part Number	No of Pos.	Dim. "A"
MP-DHA-02TQ	2	3.67
MP-DHA-02TQR	2	3.67
MP-DHA-04TQ	4	6.21
MP-DHA-06TQ	6	8.75
MP-DHA-08TQ	8	11.29

Dimensions : Millimetres

Part Number Explanation

MP-DHA



Part Number Table

Description	Part Number
DIP Switch, 2 Pos, SMD, 25mA, 24V DC	MP-DHA-02TQ
DIP Switch, 2 Pos, SMD, 25mA, 24V DC	MP-DHA-02TQR
DIP Switch, 4 Pos, SMD, 25mA, 24V DC	MP-DHA-04TQ
DIP Switch, 6 Pos, SMD, 25mA, 24V DC	MP-DHA-06TQ
DIP Switch, 2 Pos, SMD, 25mA, 24V DC	MP-DHA-08TQ

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