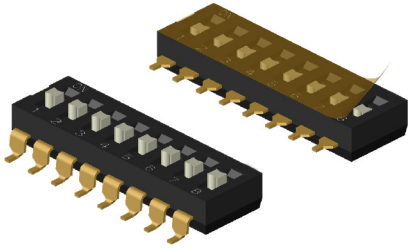


RoHS  
Compliant



## Application

- Industrial control
- Automatic machines control
- Telecommunication

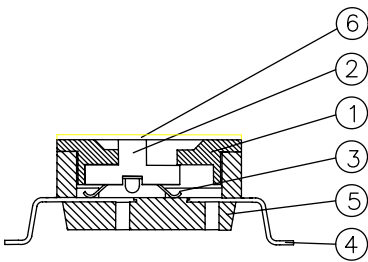
## Features

- Low profile for space saving
- Gold Contact for high reliability
- Top tape type for washing process
- Lead Free Solderable

## Specifications

Contact Rating	: 25mA, 24V DC
Contact Resistance	: 50mΩ Max.
Insulation Resistance	: 100MΩ Min. 500V DC
Dielectric Strength	: 500V AC/1 minute
Operating Force	: 1000gf Max.
Travel	: 1mm
Operating Life	: 2000 cycles
Operating Temperature	: -20°C to +85°C
Storage Temperature	: -40°C to +85°C

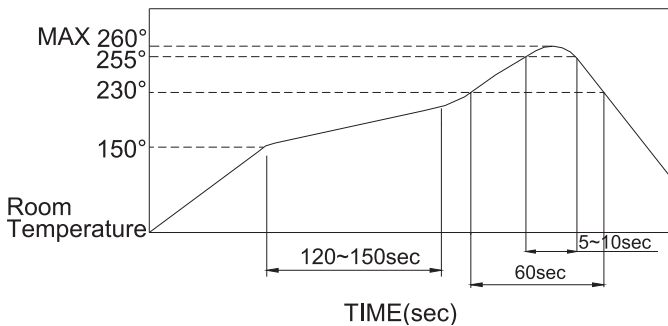
## Construction



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 at contact area.	
4	Terminal	Brass	Gold Plated	
5	Base	High – temp. Thermoplastic PPS UL 94V-0	Molded Black	1
6	Tape	Kapton	-	-

## Soldering Conditions

Condition for Soldering- MP-DMR Series



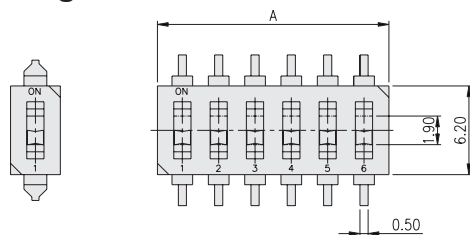
The condition mentioned above is the temperature on the Cu foil of the PCB surface.

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.

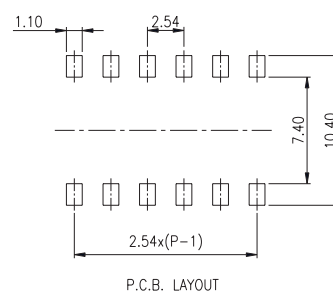
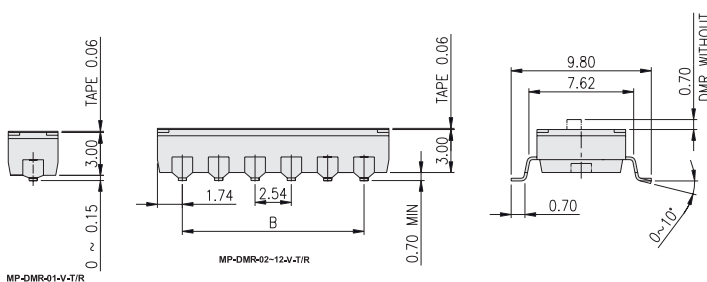
## Manual Soldering

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

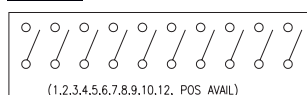
## Diagram



Part Number	No of Pos.	Dim. "A"	Dim. "B"
MP-DMR-01-T-V-T/R	1	3.48	-
MP-DMR-03-T-V-T/R	3	8.56	5.08
MP-DMR-05-T-V-T/R	5	13.64	10.16

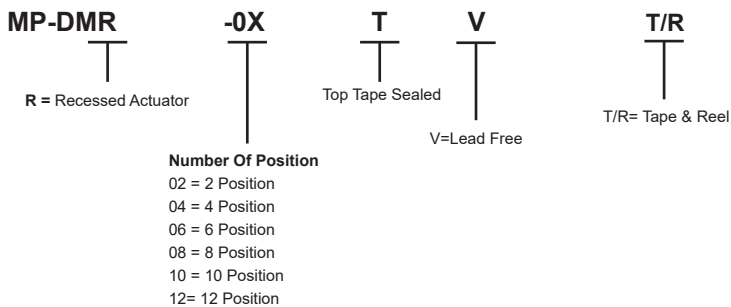


## CIRCUIT



Dimensions : Millimetres

## Part Number Explanation



## Part Number Table

Description	Part Number
DIP Switch, 1 Position, SPST SMD, 25mA, 24V DC	MP-DMR-01-T-V-T/R
DIP Switches, 3 Position, SPST SMD, 25mA, 24V DC	MP-DMR-03-T-V-T/R
DIP Switches, 5 Position, SPST SMD, 25mA, 24V DC	MP-DMR-05-T-V-T/R

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