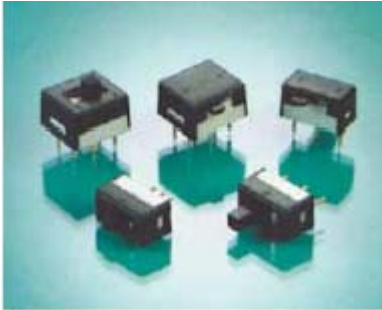


Slide Switches

Miniature



Specifications:

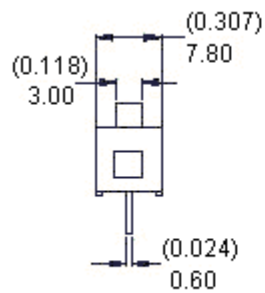
Contact Rating	: 0.4 volt-amps (VA) maximum at 20V maximum (AC or DC).
Mechanical Life	: 20,000 cycles.
Initial Contact Resistance	: 50mΩ maximum.
Minimum Insulation Resistance	: 1000MΩ.
Dielectric Strength	: 1000VRMS at sea level.
Operating Temperature	: -40°C to 80°C.
Minimum Load	: 10mA, 50mV.
Breaking Capacity	: 100mA, 30Vdc with resistive load.

Materials:

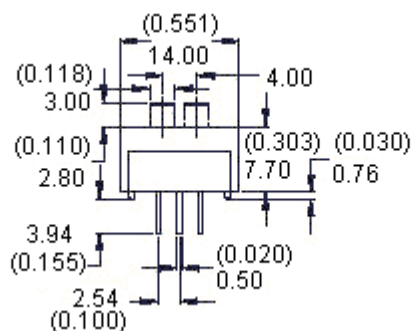
Case	: Nylon, white.
Housing	: Nylon, black.
Actuator	: Nylon, black.
Contacts/Terminals	: Copper alloy, with gold plated.

Pole Option

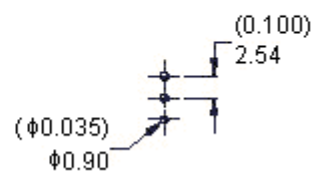
M1RE



SPDT



PCB Mounting



Dimensions : Millimetres (Inches)

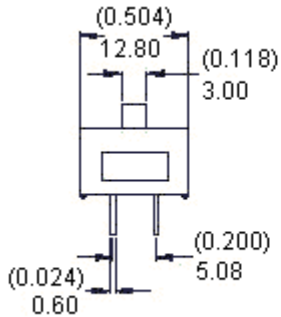
Slide Switches

Miniature

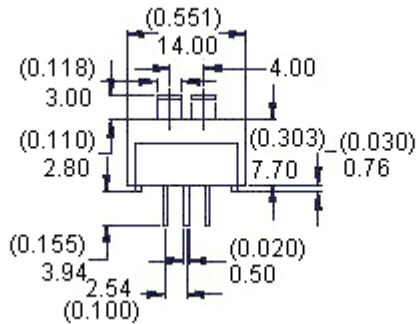


Pole Option

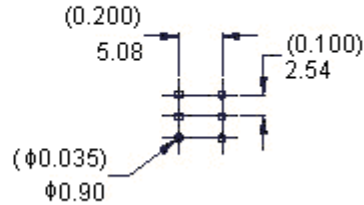
M2RE



DPDT



PCB Mounting



Dimensions : Millimetres (Inches)

Soldering Process:

Manual soldering: Use soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder.

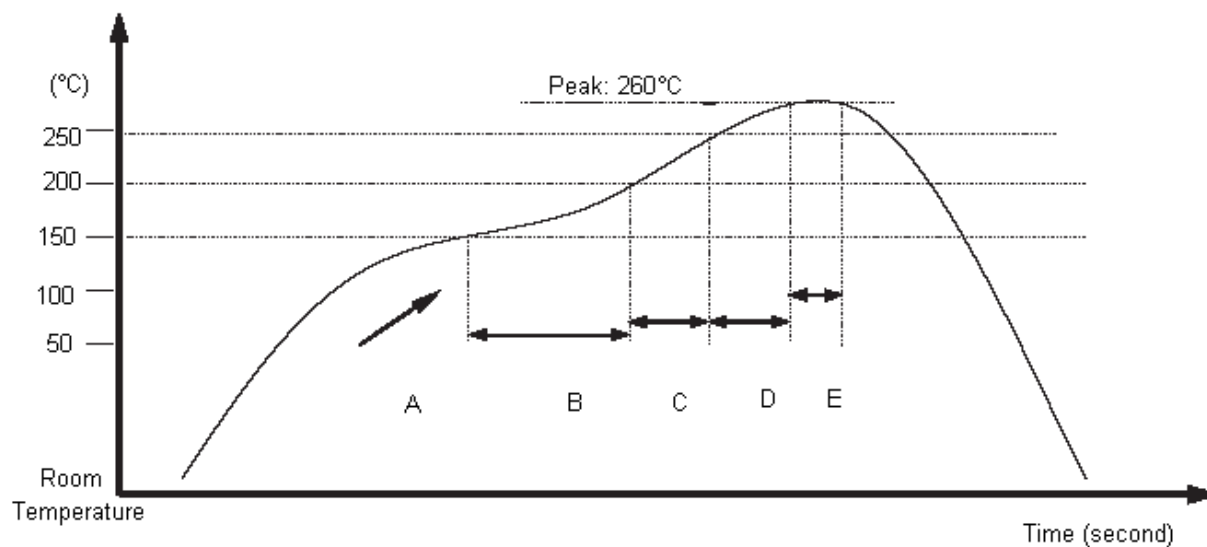
Wave soldering:

Recommended soldering temperature : 260 ±5°C.

Duration of solder immersion: 5 ±1 seconds (PCB is 1.6mm in thickness).

Soldering: Vapour phase.

Temperature Profile		
Zone	Room Temperature (°C)	Time (seconds)
Pre-heat (A)	150°C	Minimum 120
Soak (B)	180°C to 200°C	Minimum 150
Peak (C)	200°C to 235°C	Minimum 30
Peak (D)	235°C to 260°C	Minimum 40
Peak (E)	260°C	Maximum 10



Slide Switches

Miniature



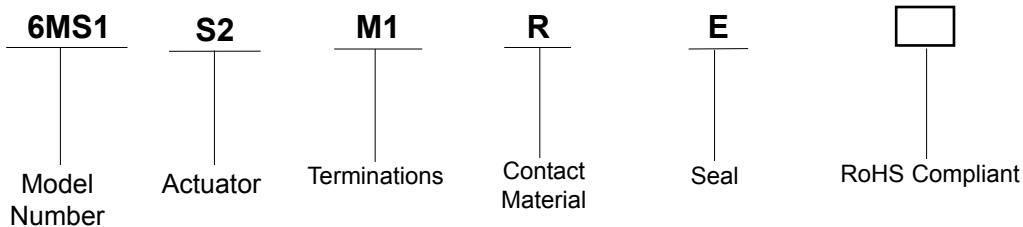
Specifications

Number of Poles	Switch Function			Connected Terminals			Schematic	Model Number
	Position 1	Position 2	Position 3	Position 1	Position 2	Position 3		
SP								6MS1
DP	On	None	On	2 - 1, 5 - 4	Open	2 - 3, 5 - 6		6MD1

Specification Table

Description	Part Number
Switch, Slide, SPDT, On-On	6MS1S2M1RE
Switch, Slide, DPDT, On-On	6MD1S2M2RE
Switch, Slide, SPDT, On-On	6MS1S4M1RE
Switch, Slide, DPDT, On-On	6MD1S4M2RE
Switch, Slide, SPDT, R/A, On-On	6MS1S3M1RE
Switch, Slide, DPDT, R/A, On-On	6MD1S3M2RE

Part Number Explanation:



- Model Number** : 6MS1 = SP On-None-On and 6MD1 = DP On-None-On.
- Actuator** : S2 = 2.80 high, S3 = Side and S4 = 6.00 high.
- Terminations** : M1 = SPDT - PC Through Hole and M2 = DPDT - PC Through Hole.
- Contact Material** : R = Gold.
- Seal** : E = Epoxy (std).

Slide Switches

Miniature



Notes:

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