Sub-Miniature Slide Switches

multicomp PRO

RoHS Compliant

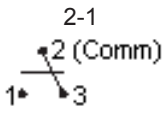
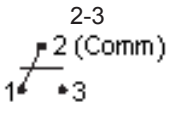
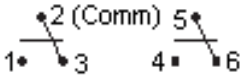
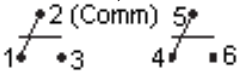
Specifications

Max. Contact Rating	: 0.4V A at 48 V AC or DC
Min. Mechanical Life	: 40,000 operations
Max. Contact Resistance	: 50mΩ
Insulation Resistance	: 500MΩ at 250V DC
Dielectric Strength	: 500 V, 50 Hz for the duration of 1 minute
Operating Temperature	: -20°C to 80°C
Degree of Protection	: IP67

Materials

Actuator	: PBT, yellow std
Housing	: SPCC
Case	:PBT, washable
Switch Support	: Brass, tin plated
Contact / Terminals	: Phosphor bronze gold-plated over nickel barrier
Terminal seal	: Epoxy

Switch Function

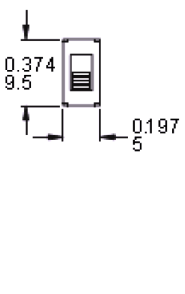
Number of Poles	Model Number	Switch Function			Connected Terminals / Schematic		
		Position 1	Position 2	Position 3	Position 1	Position 2	Position 3
SP	MC5SES1	ON	NONE	ON		N/A	
	MC5SES3	ON	OFF	ON		Open	
DP	MC5SED1	ON	NONE	ON		N/A	
	MC5SED3	ON	OFF	ON		Open	

MOM = Momentary

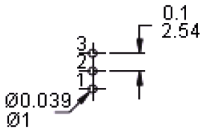
Pole Options

SPDT

MC5SES1S105M2RES



PC Mounting

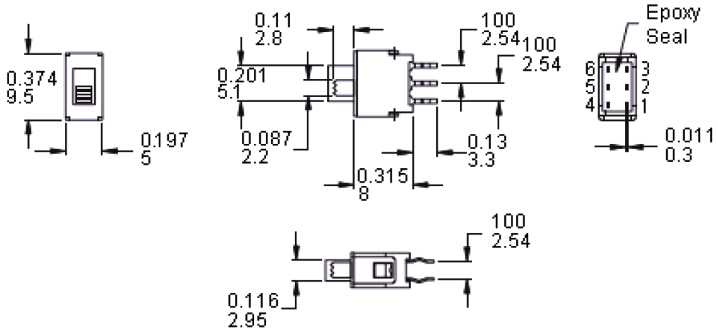


Dimensions : Inches (Millimetres)

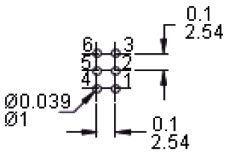
Pole Options

DPDT

MC5SED1S105M2RES

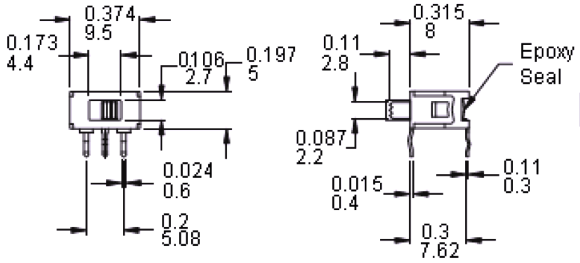


PC Mounting

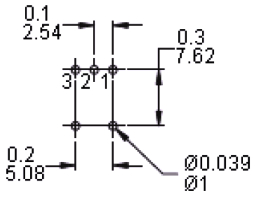


SPDT

MC5SES1S105M6RES

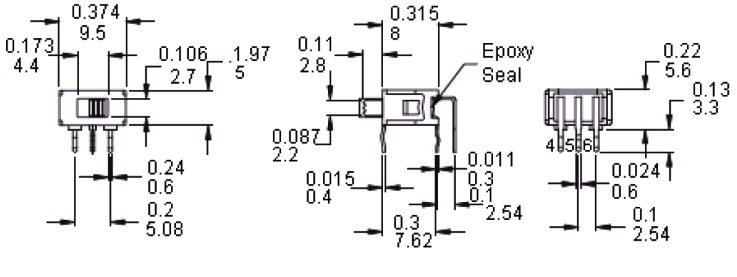


PC Mounting

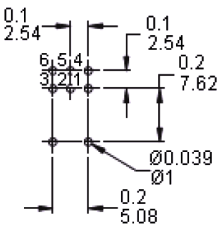


DPDT

MC5SED1S105M6RES



PC Mounting



Dimensions : Inches (Millimetres)

Soldering Process

Wave soldering : Recommended soldering temperature : 260 ±5°C
: Duration of solder immersion : Maximum 5 seconds (PCB is 1.6mm in thickness)

Soldering : Vapour phase

Part Number Table

Description	Part Number
Switch, IP67, SPDT, ON-NON-ON, PCB	MC5SES1S105M2RES
Switch, IP67, SPDT, ON-NON-ON, PCB Right / Angle	MC5SES1S105M6RES
Switch, IP67, SPDT, ON-OFF-ON, PCB	MC5SES3S105M2RES
Switch, IP67, SPDT, ON-OFF-ON, PCB Right / Angle	MC5SES3S105M6RES
Switch, IP67, DPDT, ON-NON-ON, PCB	MC5SED1S105M2RES
Switch, IP67, DPDT, ON-NON-ON, PCB Right / Angle	MC5SED1S105M6RES
Switch, IP67, DPDT, ON-OFF-ON, PCB	MC5SED3S105M2RES
Switch, IP67, DPDT, ON-OFF-ON, PCB Right / Angle	MC5SED3S105M6RES

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