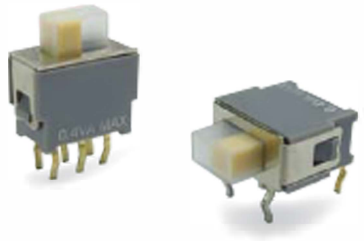
5SE Series

Sub-Miniature Slide Switches(Washable)



SPECIFICATIONS

CONTACT RATING: Max 0.4 VA max @ 48 VAC or DC
MECHANICAL LIFE: minimum 40,000 operations.
CONTACT RESISTANCE: 50 mΩ max.
INSULATION RESISTANCE: 500 MΩ at 250 VDC.
DIELECTRIC STRENGTH: 500V, 50 Hz for the duration of 1 mimute.
OPERATING TEMPERATURE: -20°C to 80°C.
DEGREE OF PROTECITON: IP67

MATERIALS

ACTUATOR: PBT,yellow std.
HOUSING/SWITCH SUPPORT: Brass, Ni plated.
CASE: Glass filled nylon 6/6, flame retardant,heat stabilized (UL94v-0)
CONTACT/TERMINALS: Phosphor bronze gold - plated over nickel barrier.
TERMINAL SEAL: Epoxy

HOW TO ORDER

Model NO.
5SES1 SP On-None-On
5SES3 SP On-Off -On
5SED1 DP On-None-On
5SED3 DP On-Off -On

Actuator
S105 2.80 hight

Terminations
M2 PC thru-hole
M6 Right angle, PC thru-hole
MZ (SMT)

Terminal plating
R Gold
G Gold,pure-tin

Seal
E EPOXY (std)

Rohs soldering
☐ RoHS Compliant
S RoHS & Lead Free

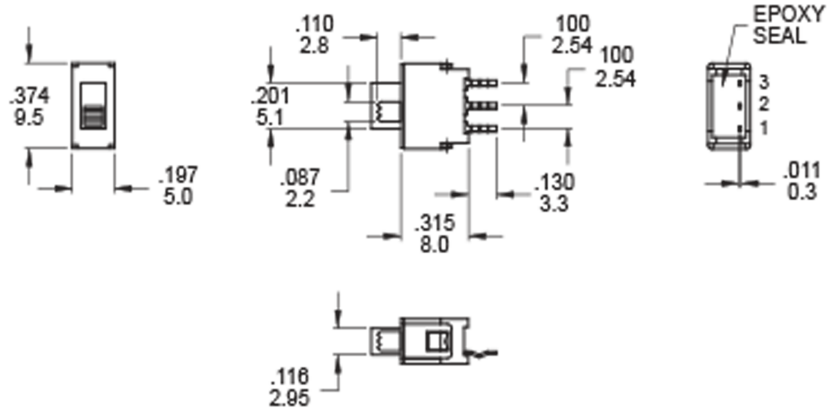
SWITCH FUNCTION

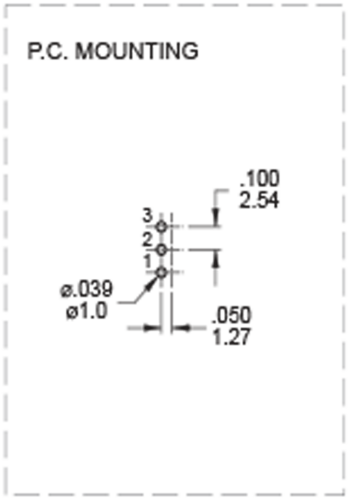
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	5SES1	ON	NONE	ON	2-1	N/A	2-3
	5SES3	ON	OFF	ON		OPEN	
DP	5SED1	ON	NONE	ON	2-1,5-4	N/A	2-3,5-6
	5SED3	ON	OFF	ON		OPEN	

MOM=MOMENTARY

POLE OPTIONS

M2

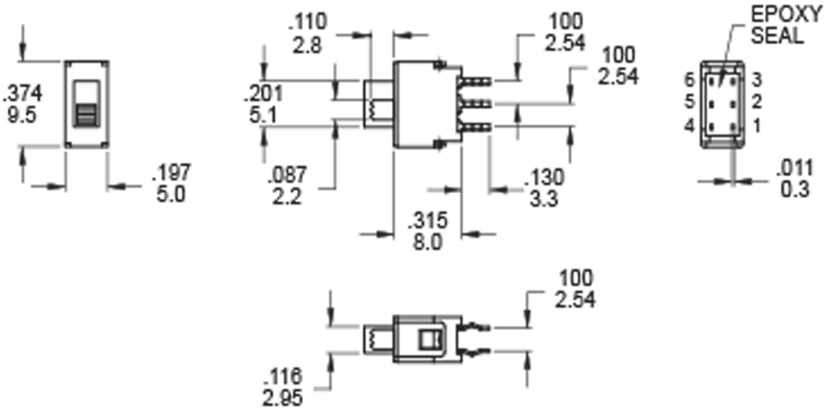


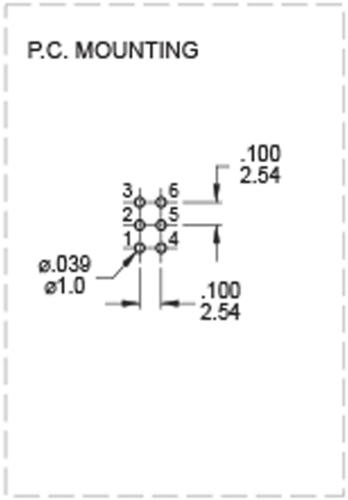


SPDT

Part No. Shown : 5SES1S105M2RES

M2



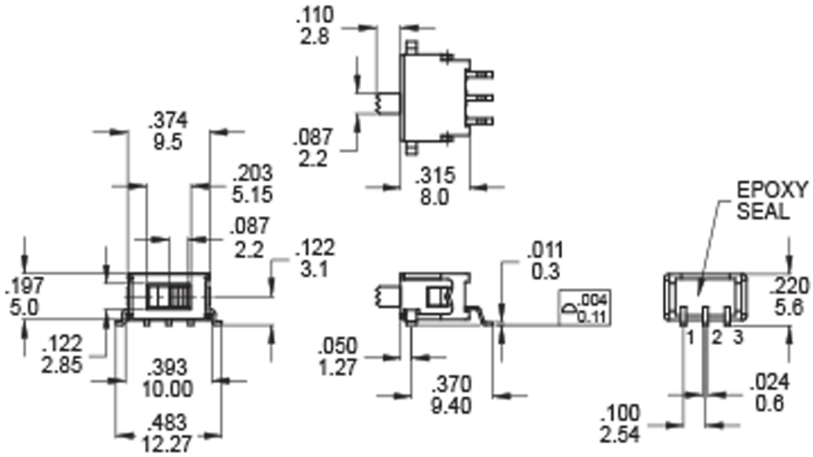


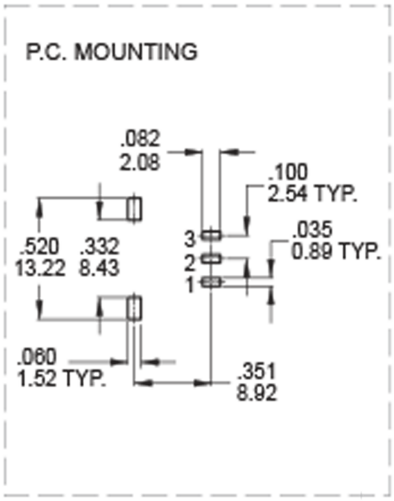
DPDT

Part No. Shown : 5SED1S105M2RES

MZ

Actuator & Case:FR52

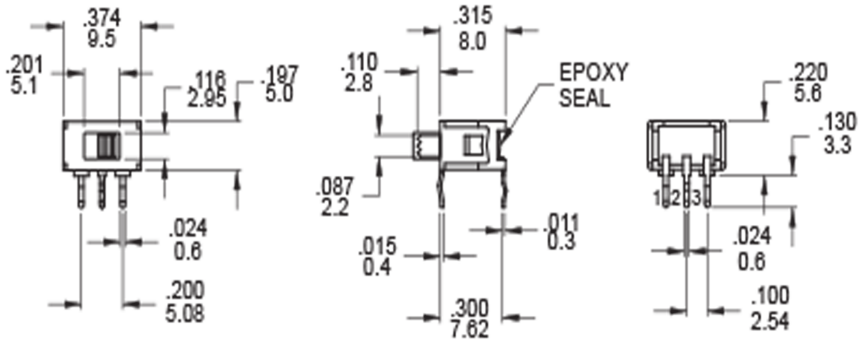


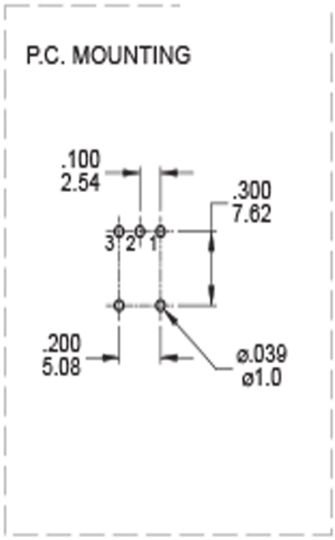


SPDT

Part No. Shown : 5SES1S105MZRES-A

M6

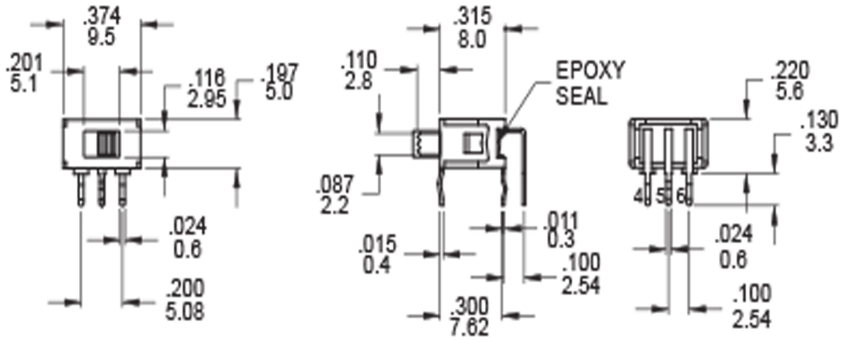


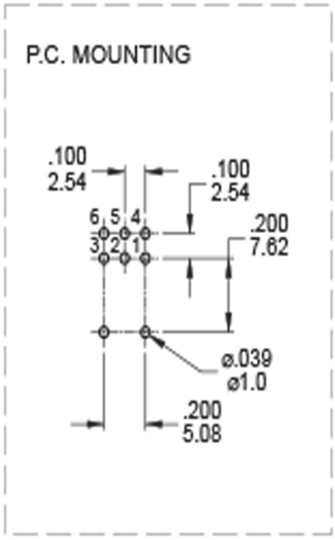


SPDT

Part No. Shown : 5SES1S105M6RES

M6





DPDT

Part No. Shown : 5SED1S105M6RES

SOLDERING PROCESSES

WAVE SOLDERING: Recommended Soldering Temperature: 260 ± 5°C

Duration of Solder Immersion: Max 5 sec. (PCB is 1.6mm in thickness)