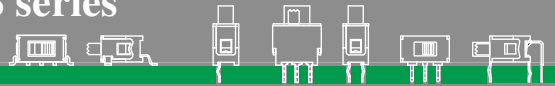


Washable Sub-Miniature Slide Switches-PSES series



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 min. at 250 VDC

DIELECTRIC STRENGTH: 500V, 50 Hz for the duration of 1 minute.

OPERATING TEMPERATURE: -20°C to 80°C.

DEGREE OF PROTECTON: IP67

MATERIALS

ACTUATOR: PBT, yellow std.

HOUSING/SWITCH SUPPORT: Brass, Ni plated.

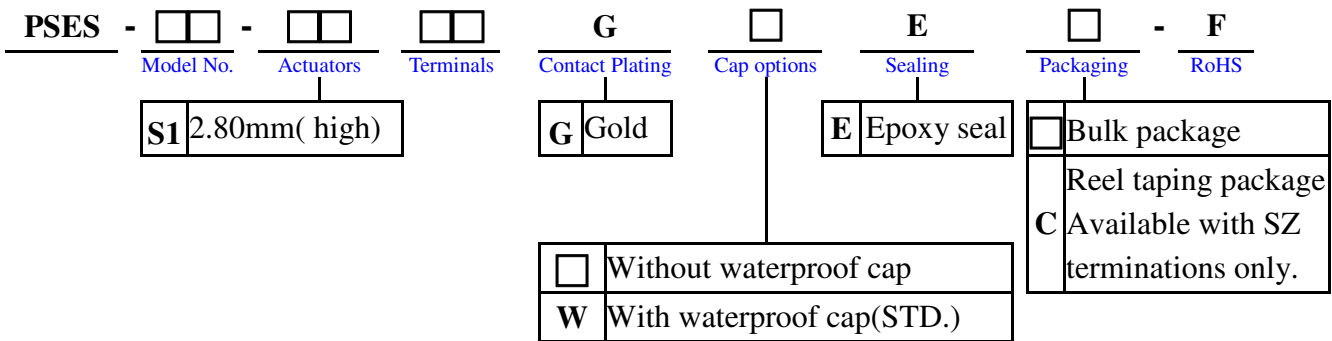
CASE: Glass filled nylon 6/6, flame retardant, heat stabilized (UL94v-0)

CONTACT: Phosphor bronze gold - plated over nickel barrier.

TERMINALS: Brass, gold plated.

TERMINAL SEAL: Epoxy

PART NUMBERING SYSTEM



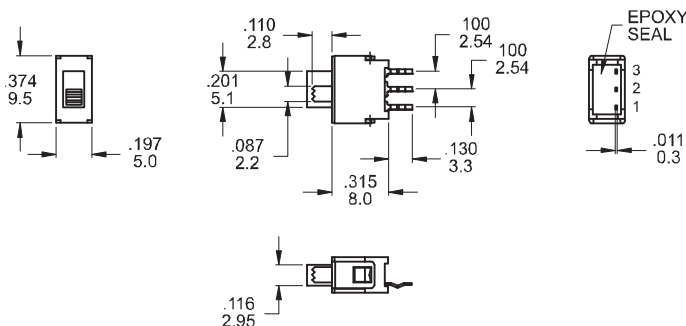
Model No./ Switching function ()= Momentary

Unit: Inch/ mm

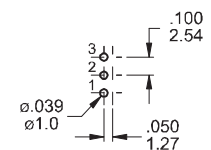
Model No.	SPDT			Model No.	SPDT		
	Switching function				Switching function		
S1	On	None	On	S3	On	Off	On
Connected terminals	2-1	N/A	2-3	Connected terminals	2-1	Open	2-3
Schematic	2 Comm. 		2 Comm. 	Schematic	2 Comm. 		2 Comm.

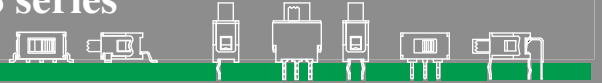
Part No. Shown: PSES-S1-S1-M2GWE-F

SPDT



P. C. B. Layout





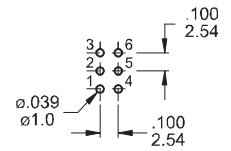
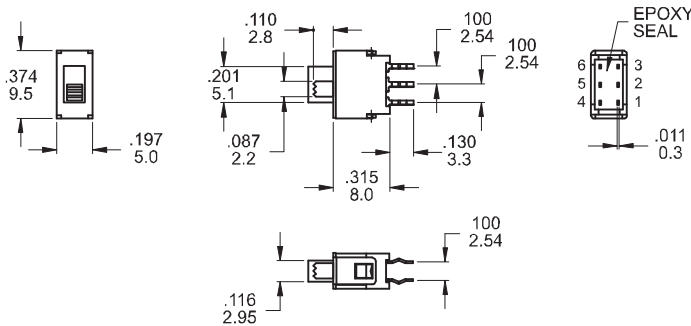
Model No./ Switching function ()= Momentary

Unit: Inch/ mm

DPDT			DPDT				
Model No.	Switching function			Model No.	Switching function		
D1	On	None	On	D3	On	Off	On
Connected terminals	2-1,5-4	N/A	2-3,5-6	Connected terminals	2-1,5-4	Open	2-3,5-6
Schematic				Schematic			

Part No. Shown: PSES-D1-S1-M2GWE-F
DPDT

P. C. B. Layout



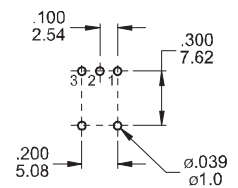
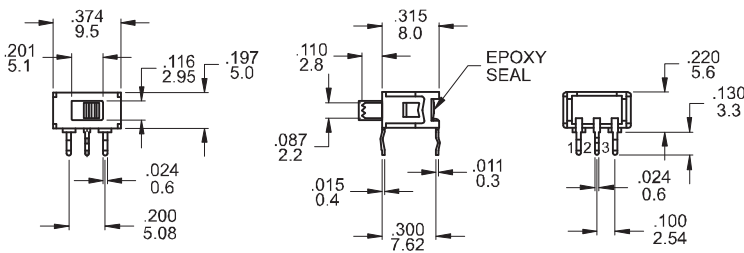
Terminations & Sealing

Unit: Inch/ mm

M6 Right angle P.C. Mount

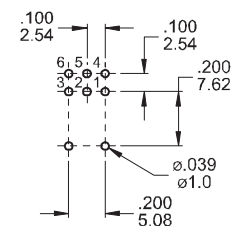
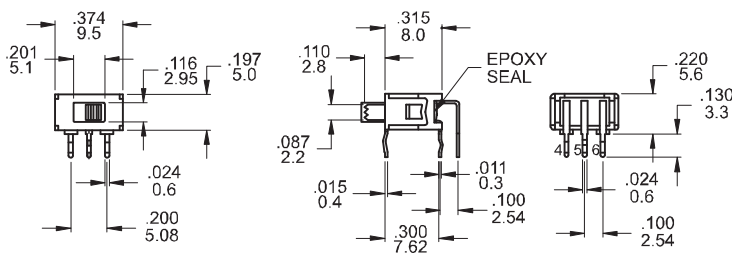
Part No. Shown: PSES-S1-S1-M6GWE-F
SPDT

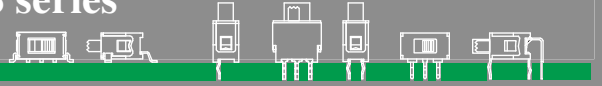
P. C. B. Layout



Part No. Shown: PSES-D1-S1-M6GWE-F
DPDT

P. C. B. Layout



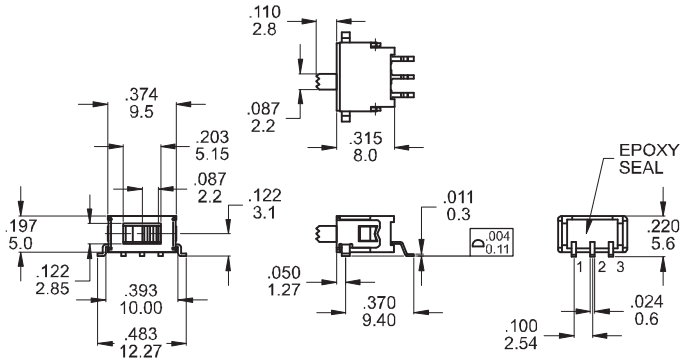


Terminations & Sealing

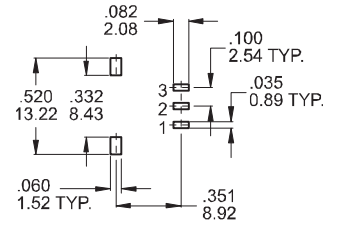
Unit: Inch/ mm

SZ Surface Mount

Part No. Shown: PSES-S1-S1-SZGE-□-F
SPDT



P. C. B. Layout



SOLDERING PROCESSES

WAVE SOLDERING: Recommended Soldering Temperature: $260 \pm 5^{\circ}\text{C}$

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