



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SERIES 38H

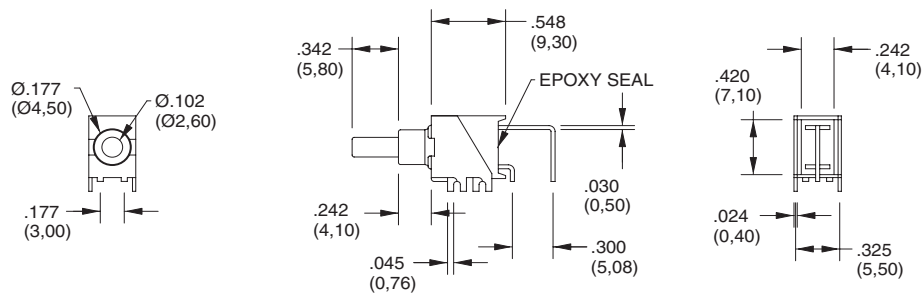
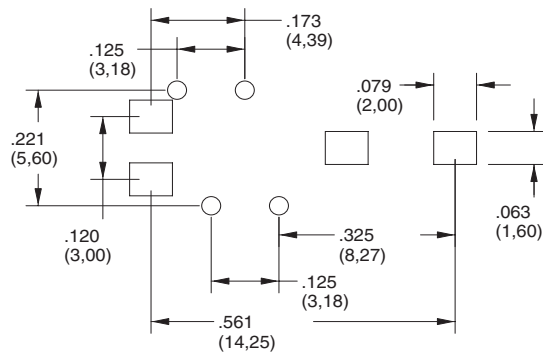
Sealed Surface Mount Subminiature Pushbutton Switches

FEATURES

- Surface Mount Process Compatible
- Sealed Construction
- Solder-Coated Terminals
- Tape and Reel Packaging
- SPST and SPDT Momentary Contact
- Sealed Per IP67

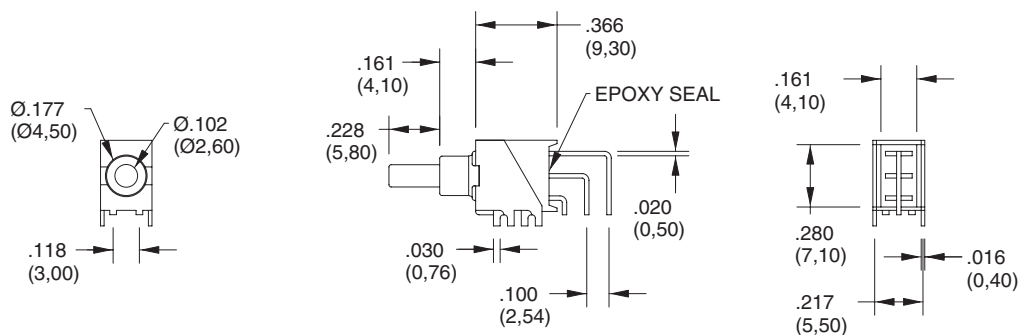


DIMENSIONS in inches (and millimeters)

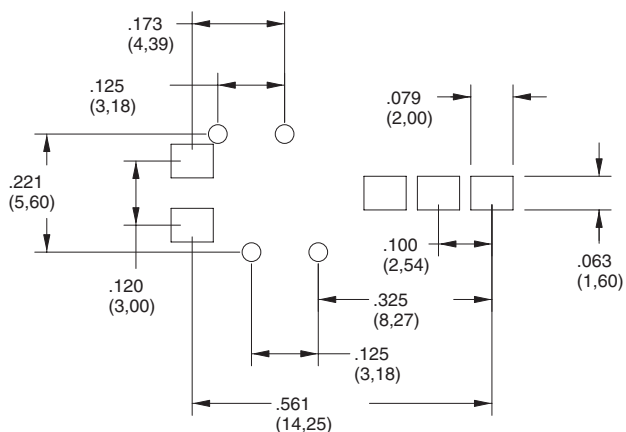
M7

SPST


DIMENSIONS in inches (and millimeters)

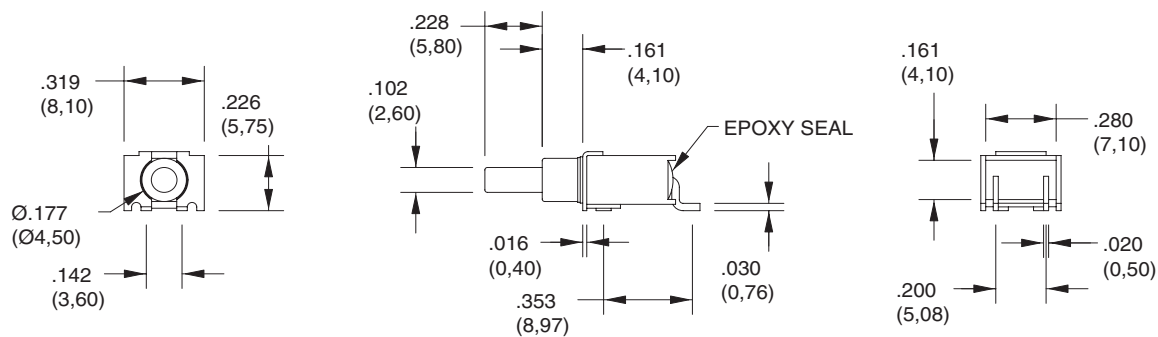
M7



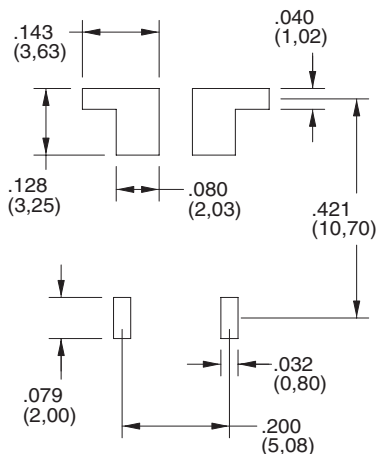
SPDT



S6



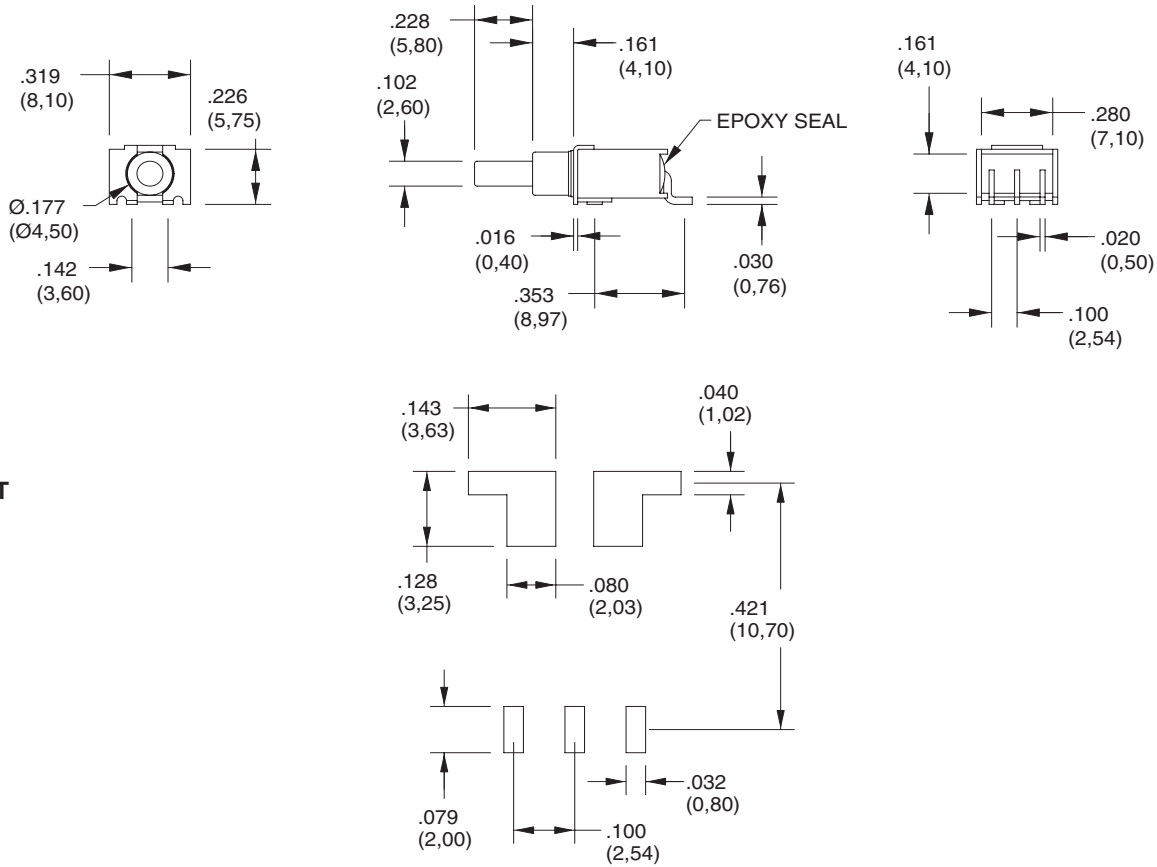
SPST



DIMENSIONS in inches (and millimeters)

S6

SPDT



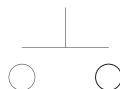
Circuitry

SPST

MODEL NO.	SWITCH POSITION	
WSP9	OFF	(ON)

()=MOMENTARY

SCHEMATIC



SPDT

MODEL NO.	SWITCH POSITION	
WSP8	ON	(ON)
TERM. COMM.	2-1	2-3

()=MOMENTARY

SCHEMATIC





SERIES 38H

SPECIFICATIONS

Rating Criteria

Operating Life: 30,000 make-and-break cycles at full load

Contact Rating (resistive load):

R Option: 0.4 VA maximum at 20 Vac or Vdc maximum

Q & G Options: 1A max at 125 Vac or 28 Vdc

Contact Resistance: 20 milliohms max initial at 2-4 Vdc, 100 mA

Insulation Resistance: 1000 megaohms minimum

Voltage Breakdown: 1500 Vrms minimum at sea level

Operating Temperature: -30°C. to +85°C.

Materials and Finishes

Case: Glass Filled Nylon 4/6, UL94V-)

Plunger: Thermoplastic Polyester(UL 94V-0) (with internal o-ring seal)

Terminals: Copper alloy

Spring: Plated Music Wire

Contact System: Copper alloy

Switch Support: Brass, tin-plated

ORDERING INFORMATION

SERIES	MODEL NO.	TERMINATION	CONTACT	ROHS
38H	WSP8	M7	R	T
Sealed Sur- face Mount Subminiature Pushbutton Switches	Options: WSP8, WSP9 (see models for switching positions)	Options: M7, S6 (see termination options)	R = Copper alloy, gold plate over nickel plate. G = Copper alloy, Gold plate over silver plate Q = Copper alloy, Silver Plate	T = Lead Free and RoHS compliant

Pushbutton Switches