

Slide Switches

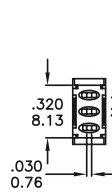
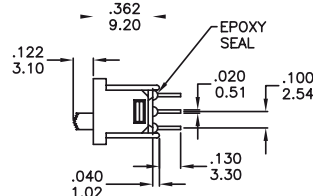
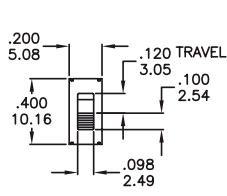
Sub-Miniature Slide Switches

SB6 Series

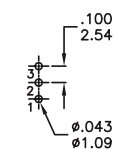


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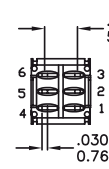
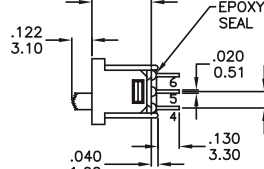
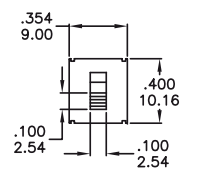


P.C. MOUNTING

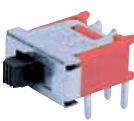
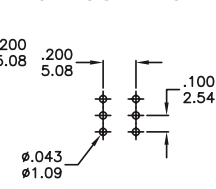


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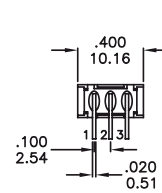
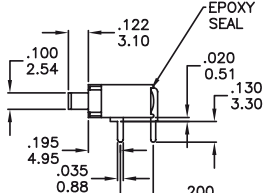
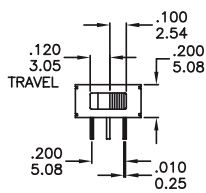


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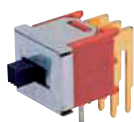
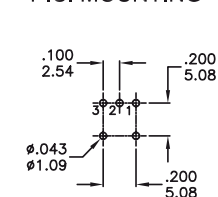


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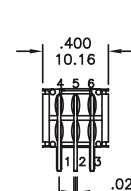
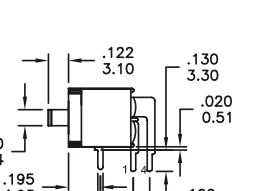
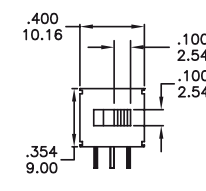


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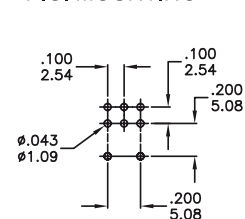


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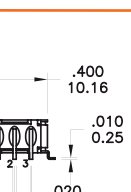
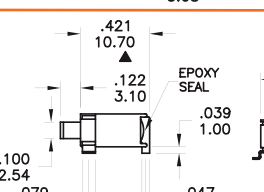
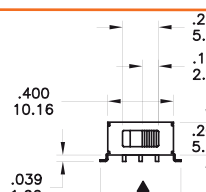


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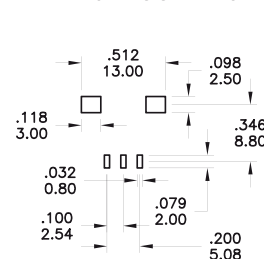


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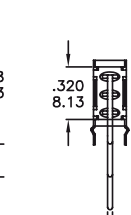
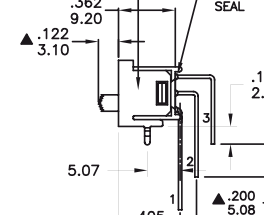
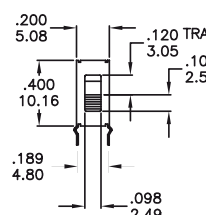


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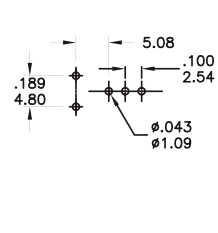


SPDT

SB6S1A1T7AUE_



P.C. MOUNTING



How to order:

SB6

- 1 POLES & SWITCHING:**
 S1 SP ON-NONE-ON
 S2 SP ON-NONE-MOM
 S3 SP ON-OFF-ON
 D1 DP ON-NONE-ON
 D3 DP ON-OFF-ON
- 2 ACTUATOR:**
 A1 3.10 mm high

- 3 TERMINALS:**
 T2 PC Thru-Hole
 T5 Wire Wrap
 T6 Right Angle PC Thru-Hole
 T6N Right Angle Snap-in PC Thru-Hole
 T7 Vertical Right Angle, PC thru-Hole
 TZ Right Angle, SMT
- 4 CONTACT MATERIAL:**
 AG Silver
 AU Gold
 UT Gold, tin-lead

- GT** Silver, tin-lead
UG Gold over Silver
UGT Gold over Silver, tin-lead

- 5 SEAL:**
 E Epoxy (Standard)
 N No Epoxy

- 6 ROHS & LEAD FREE:**
 blank RoHS Compliant (Standard)
 V RoHS Compliant & Lead Free

General Specifications:

MATERIALS

- » Contact: Silver or gold plated
- » Terminals: Copper alloy, with silver and gold plated.

MECHANICAL

- » Operating Temperature: -30°C to +85°C
- » Mechanical Life: 30,000 cycles

CONTACT RATING

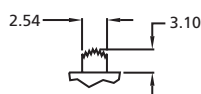
- » AG, GT, UG & UGT: 3A120VAC/28VDC, 1A250VAC
- » AU & UT: 0.4VA max. 20V max. (AC/DC)

ELECTRICAL

- » Contact Resistance: 20mΩ max. initial @ 2-4VDC
100mA for silver & gold plated contacts
- » Insulation Resistance: 1,000MΩ min.

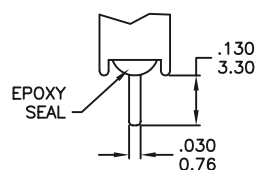
ACTUATOR OPTIONS

A1 3.10 mm high

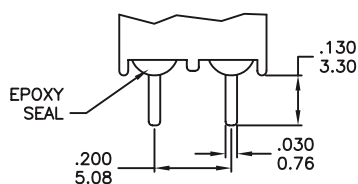


TERMINAL OPTIONS

T2 PC Thru-Hole SP

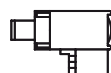


T2 PC Thru-Hole DP



SNAP-IN TERMINALS PC THRU-HOLE

T6N



SWITCH FUNCTION

No. Poles	Model No.	Switch Function			Connected Terminals / Schematic		
		Pos. 1	Pos. 2	Pos. 3	Pos. 1	Pos. 2	Pos. 3
SP	SB6S1	ON	NONE	ON		OPEN	
	SB6S2	ON	NONE	MOM		OPEN	
	SB6S3	ON	OFF	ON		OPEN	
DP	SB6D1	ON	NONE	ON		OPEN	
	SB6D3	ON	OFF	ON		OPEN	

SOLDERING

SOLDERING PROCESSES

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 : Vapor phase

Temperature Profile

Zone	Room temperature	Time (Sec)
Pre-heat (A)	150°C	Min 120s
Soak (B)	180°C~200°C	Min 150s
Peak (C)	200°C~235°C	Min 30s
Peak (D)	235°C~260°C	Min 40s
Peak (E)	260°C	Max 10s

