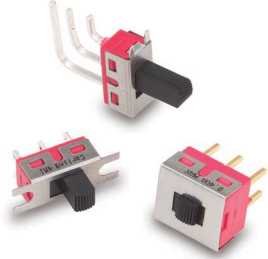


4S1 & 4SS-Series

Sub-Miniature & **Sealed** Sub-Miniature Slide Switches



4M1-Series

Miniature Slide Switch

Specifications

Contact Rating refer to ordering scheme
 Electrical Life 30,000 make & break cycles at full load
 Contact Resistance. 10 mΩ max. initial @ 2-4 VDC
 100mA for both silver & gold plated contacts.
 Insulation Resistance 1000 MΩ min.
 Dielectric Strength 1500 Volts RMS @ sea level
 Operating Temperature . . . -30°C to +85°C
 Solder Heat Resistance. . . MIL-STD-202, Method 210
 Actuator Travel 25°

Materials

Case Dially phthalate (DAP) (UL 94V-0)
 Slide Handle. Nylon
 Housing. Stainless Steel
 Terminal Seal Epoxy

4S1-Series Ordering Scheme



1 SERIES 4S1 Sub-Miniature Slide Switch																
2 POLES FSP single pole																
3 CIRCUIT <table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center;">Switching Position:</td> </tr> <tr> <td style="width: 10%;"></td> <td style="width: 15%;">2-1</td> <td style="width: 20%;">OPEN</td> <td style="width: 15%;">2-3</td> </tr> <tr> <td style="text-align: center;">1</td> <td>ON</td> <td>NONE</td> <td>ON</td> </tr> <tr> <td style="text-align: center;">3</td> <td>ON</td> <td>OFF</td> <td>ON</td> </tr> </table>	Switching Position:					2-1	OPEN	2-3	1	ON	NONE	ON	3	ON	OFF	ON
Switching Position:																
	2-1	OPEN	2-3													
1	ON	NONE	ON													
3	ON	OFF	ON													
4 TERMINATION M2 PCB M6 PC Mount, 90° horizontal																

5 CONTACT														
	<i>Material</i>	<i>Terminal Plating</i>												
G	silver ¹	gold over silver ³												
K	gold ²	tin-lead ⁴												
P	silver ¹	tin-lead ⁴												
Q	silver ¹	silver ¹												
R	gold ²	gold ²												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;"><i>Rating</i></td> </tr> <tr> <td style="padding: 5px;">3A</td> <td style="padding: 5px;">@ 125VAC or 28VDC; 1.5A @ 250VAC</td> </tr> <tr> <td style="padding: 5px;">0.4VA</td> <td style="padding: 5px;">max. @ 20V max (AC/DC)</td> </tr> <tr> <td style="padding: 5px;">3A</td> <td style="padding: 5px;">@ 125VAC or 28VDC; 1.5A @ 250VAC</td> </tr> <tr> <td style="padding: 5px;">3A</td> <td style="padding: 5px;">@ 125VAC or 28VDC; 1.5A @ 250VAC</td> </tr> <tr> <td style="padding: 5px;">0.4VA</td> <td style="padding: 5px;">max. @ 20V max (AC/DC)</td> </tr> </table>				<i>Rating</i>	3A	@ 125VAC or 28VDC; 1.5A @ 250VAC	0.4VA	max. @ 20V max (AC/DC)	3A	@ 125VAC or 28VDC; 1.5A @ 250VAC	3A	@ 125VAC or 28VDC; 1.5A @ 250VAC	0.4VA	max. @ 20V max (AC/DC)
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0.4VA	max. @ 20V max (AC/DC)													
NOTE: Tin-lead option available with PC type terminations only. 1 Moveable contact & terminals: copper alloy, silver plate 2 Moveable contact & terminals: copper alloy with gold plate over nickel plate 3 Terminals: silver plate with outer layer in gold plating														
6 EPOXY SEAL E epoxy seal														
7 PACKAGING Switches are bulk packed, unless T/R is specified at the end of the part number. T/R tape reel - 500 pieces per reel														

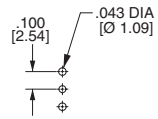
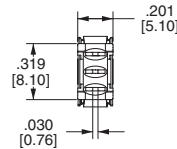
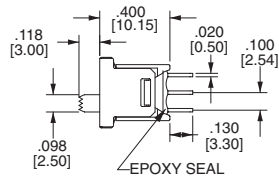
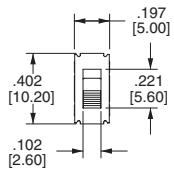
4S-Series Dimensional Specifications: in. [mm]

4S1-Series

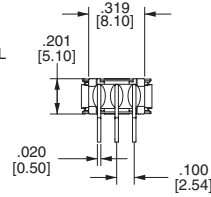
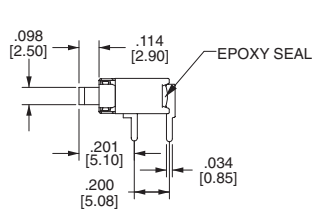
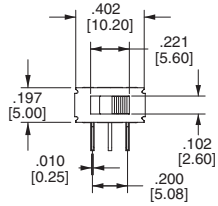
TERMINATION

PC MOUNTING

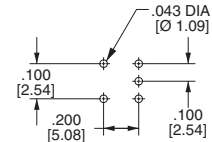
M2



M6



PC MOUNTING

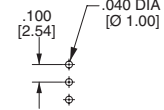
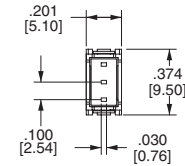
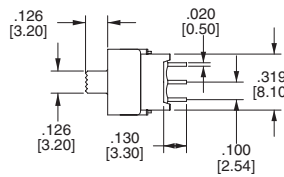
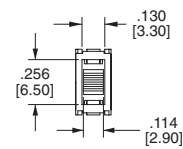


4SS-Series

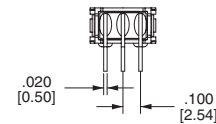
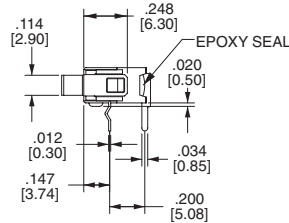
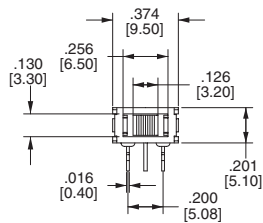
TERMINATION

PC MOUNTING

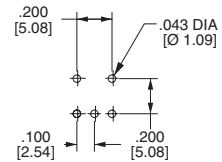
M2



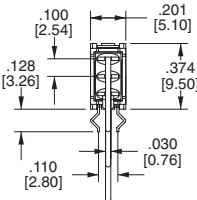
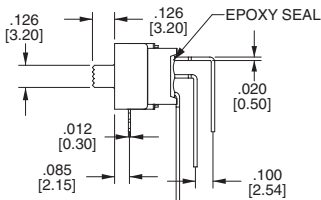
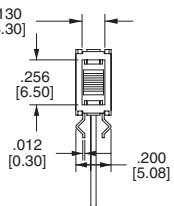
M6



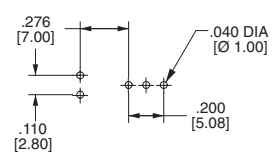
PC MOUNTING



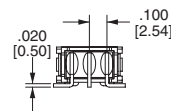
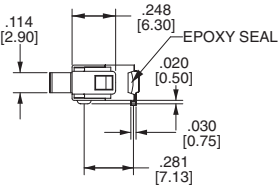
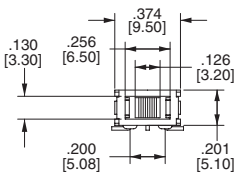
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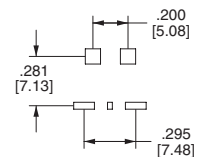
PC MOUNTING



L6



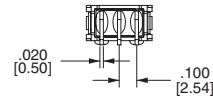
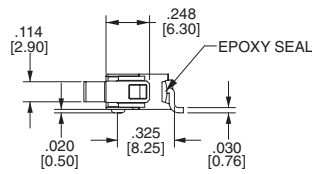
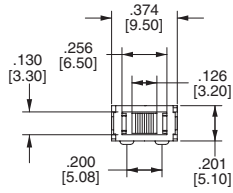
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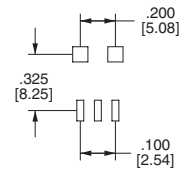
4SS-Series Dimensional Specifications: in. [mm]

TERMINATION

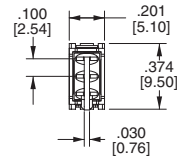
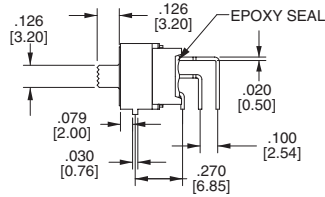
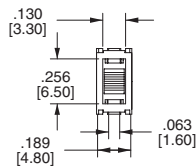
S6



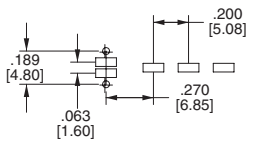
PC MOUNTING



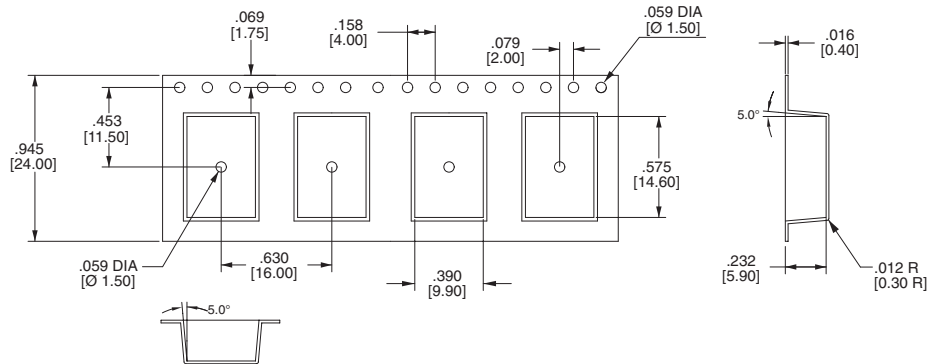
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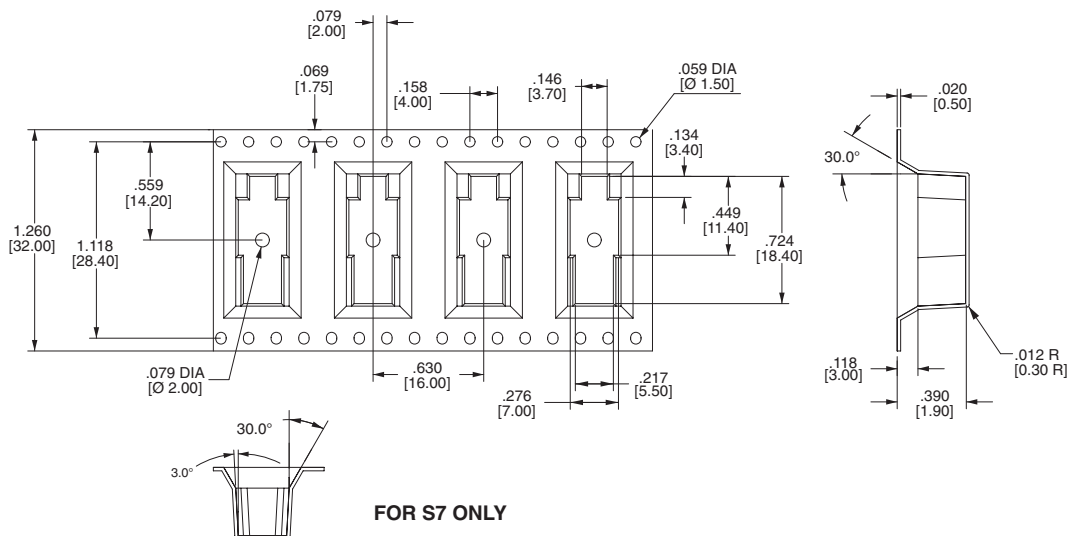
PC MOUNTING



REEL TAPING



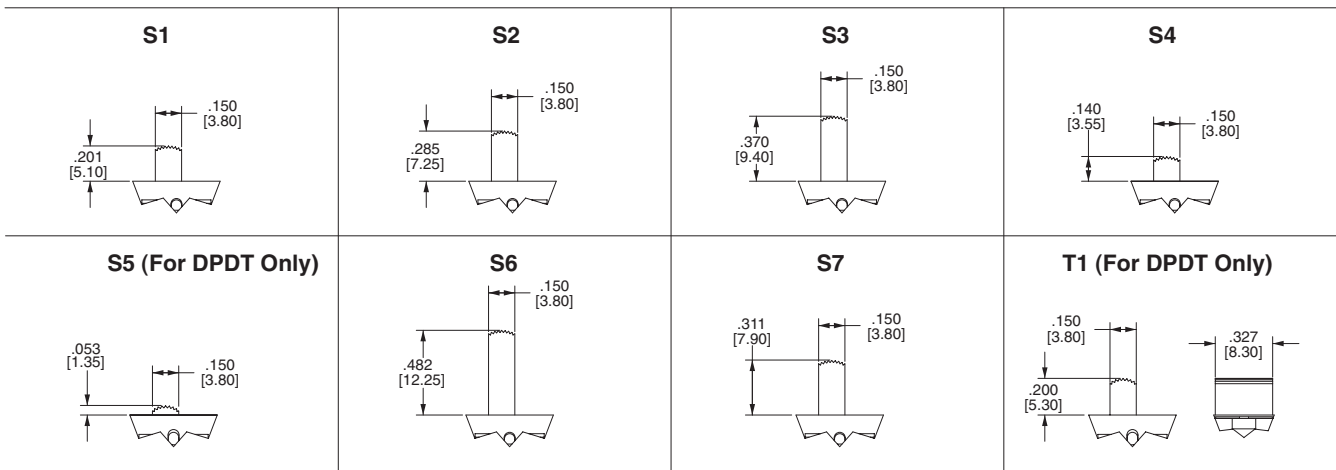
FOR S6,L6 ONLY



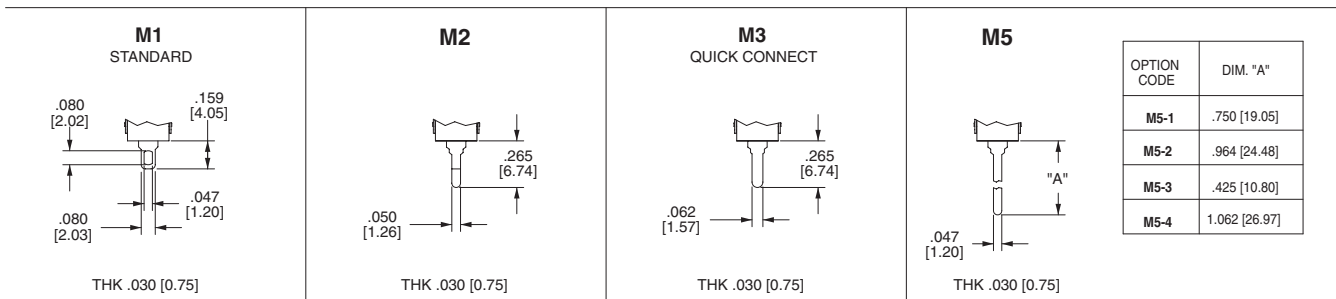
FOR S7 ONLY

4M1-Series Dimensional Specifications: in. [mm]

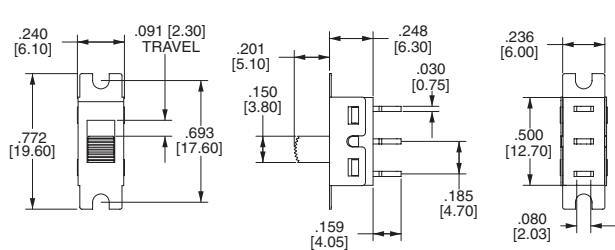
ACTUATOR



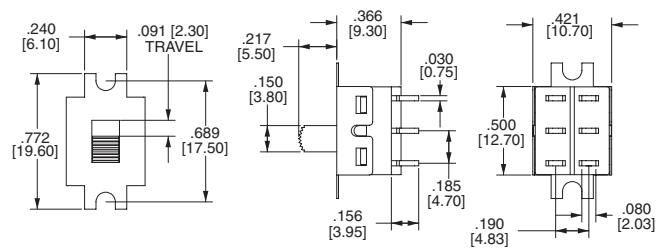
TERMINATION



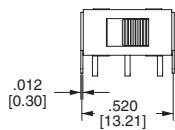
SINGLE POLE



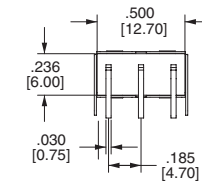
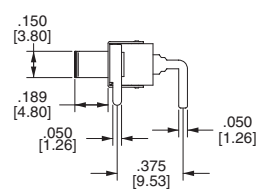
DOUBLE POLE



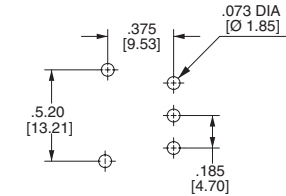
M6



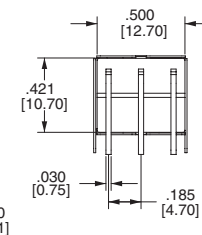
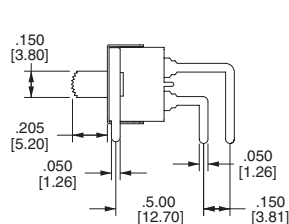
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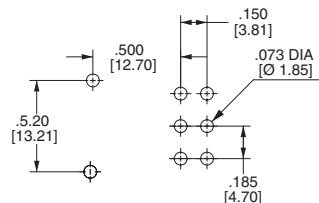
PC MOUNTING



DOUBLE POLE



PC MOUNTING



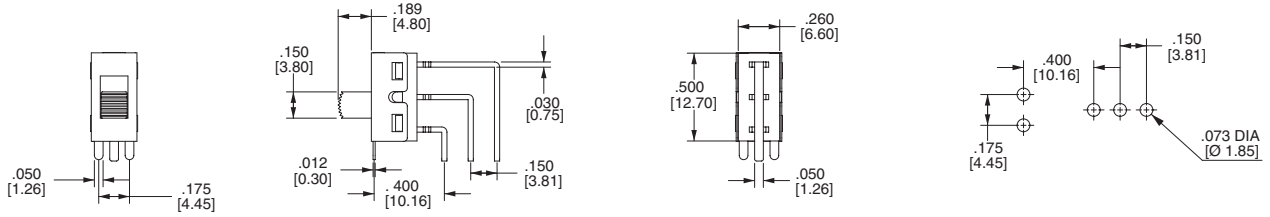
4M1-Series Dimensional Specifications: in. [mm]

TERMINATION

M7

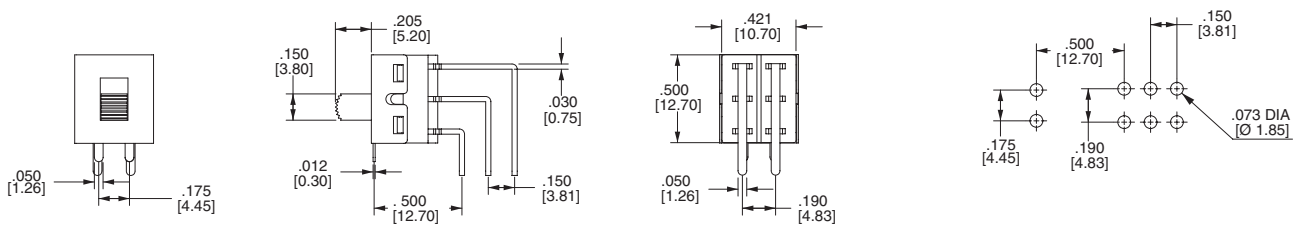
SINGLE POLE

PC MOUNTING



DOUBLE POLE

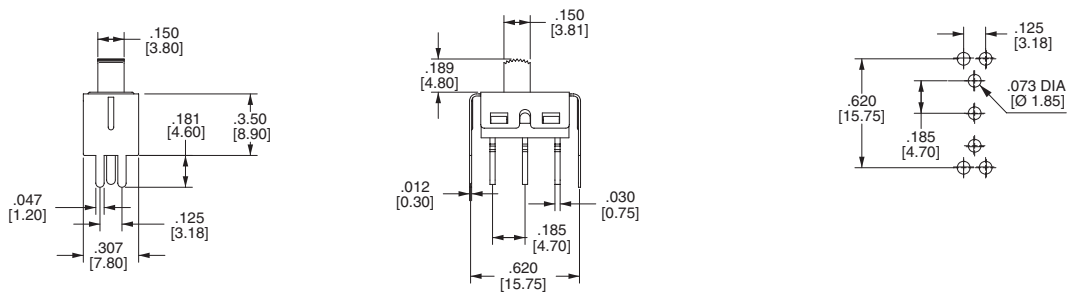
PC MOUNTING



VS2

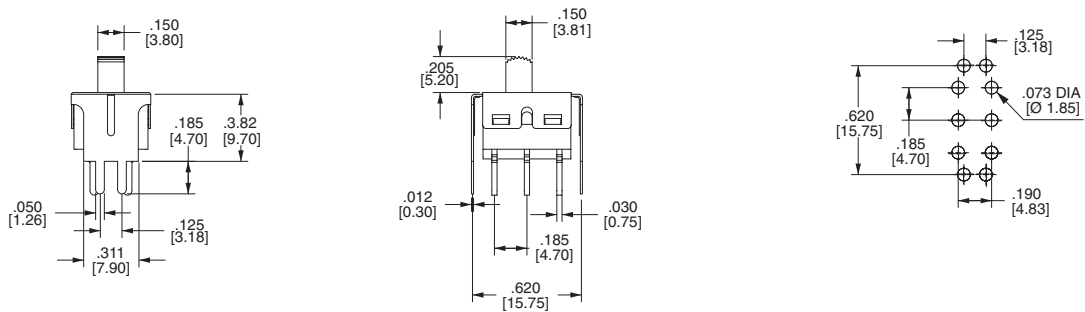
SINGLE POLE

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DOUBLE POLE

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