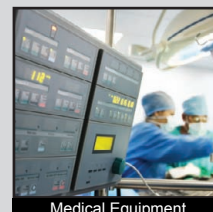
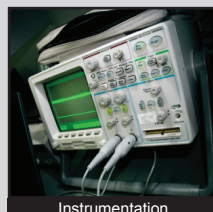
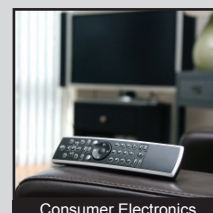
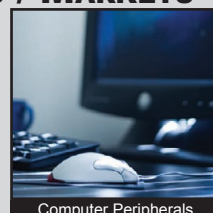
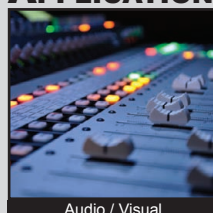


500R SERIES SLIDE SWITCH

ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



APPLICATIONS / MARKETS



RoHS

SPECIFICATIONS

Electrical Rating: 0.4VA Max. @ 20V (AC or DC max)
Life Expectancy: 40,000 Cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 500 MΩ Min. at 250VDC
Dielectric Strength: 500VAC RMS at Sea Level
Operating Temperature: -20°C to 80°C
Operating Force:
 2-position: 200 gf +/- 100 gf
 3-position: 250 gf +/- 125gf
Travel:
 2-position: 1.9mm
 3-position: 0.95mm

FEATURES & BENEFITS

- Offers IP67 sealing protection
- up to 3-positions
- SPDT and DPDT options
- Gold contact

PART NUMBER CONFIGURATOR

Series	Function	Actuator	Terminal	Contact Material	Seal
500R	SP1 - On-None-On SP3 - On-Off-On DP1 - On-None-On DP3 - On-Off-On	S1 - 2.80mm high	M2 - PC thru-hole M6 - Right angle, PC thru-hole	R - Gold	E - Epoxy

Specifications subject to change without notice



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www.e-switch.com

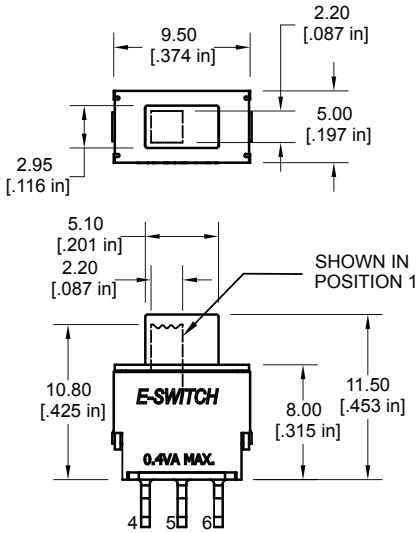
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2

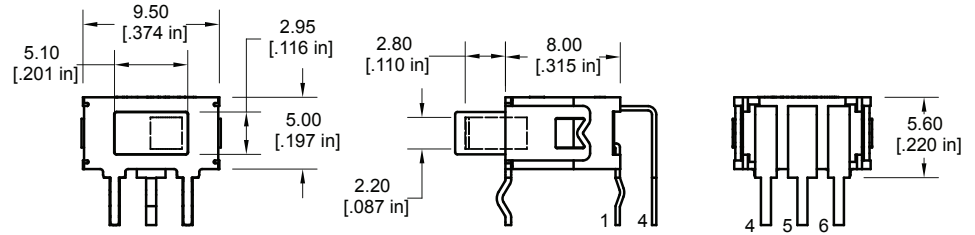
500R SERIES SLIDE SWITCH

BODY DIMENSIONS (DOUBLE POLE SHOWN)

VERTICAL

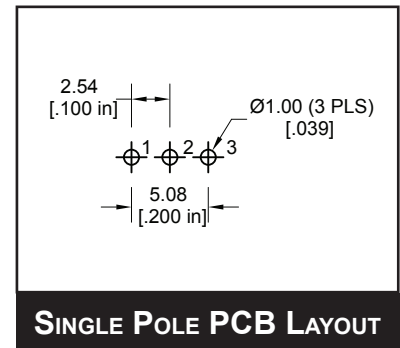
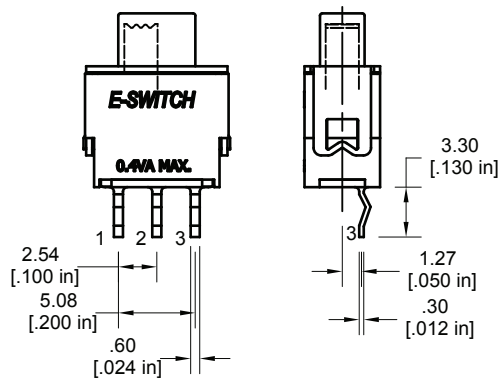


RIGHT ANGLE

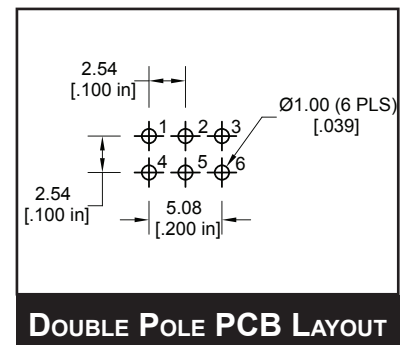
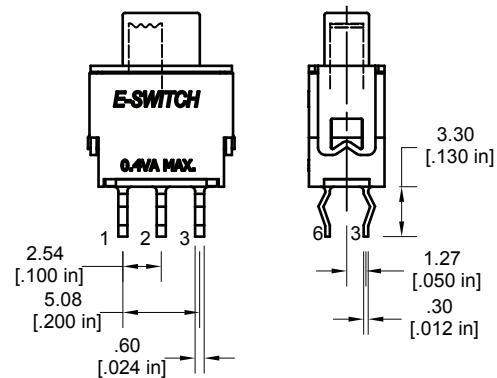


M2 TERMINATION

SINGLE POLE



DOUBLE POLE



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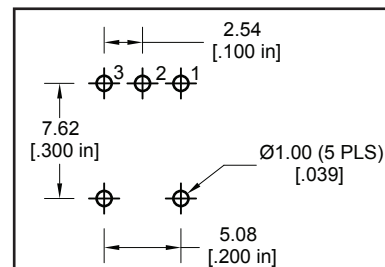
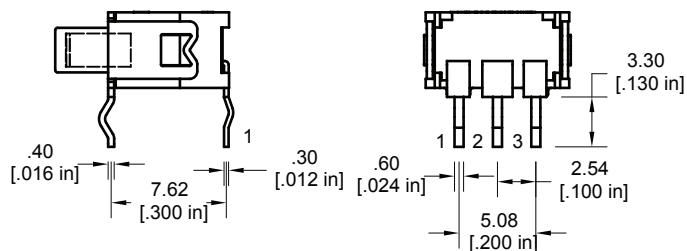
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ANTI-VANDAL SWITCHES
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500R SERIES SLIDE SWITCH

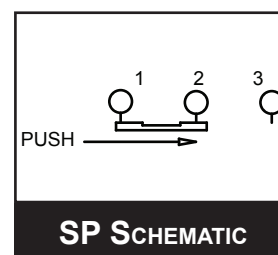
M6 TERMINATION

SINGLE POLE

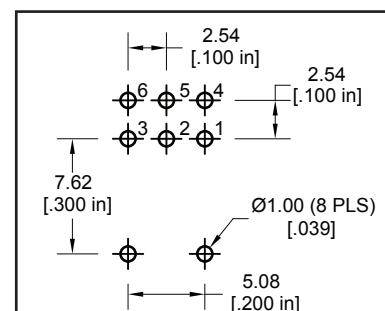
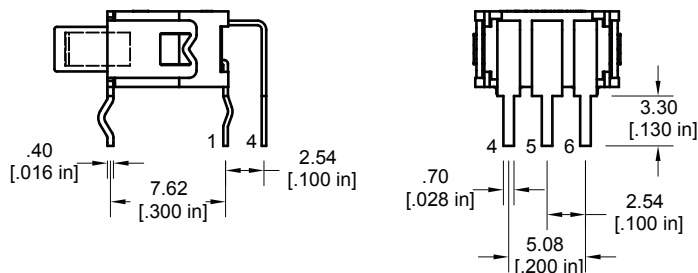


SINGLE POLE PCB LAYOUT

SWITCH FUNCTION			
	POS. 1	POS. 2	POS. 3
Model No.			
SP1	ON	NONE	ON
SP3	ON	OFF	ON
Term. Comm.	2-1	OPEN	2-3

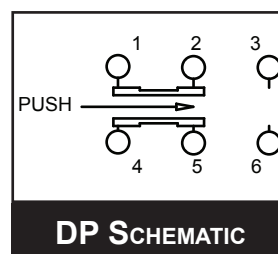


DOUBLE POLE



DOUBLE POLE PCB LAYOUT

SWITCH FUNCTION			
	POS. 1	POS. 2	POS. 3
Model No.			
DP1	ON	NONE	ON
DP3	ON	OFF	ON
Term. Comm.	2-1, 5-4	OPEN	2-3, 5-6



Mouser Electronics

Authorized Distributor

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E-Switch:

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[500RSP1S1M2RE](#) [500RDP1S1M2RE](#)