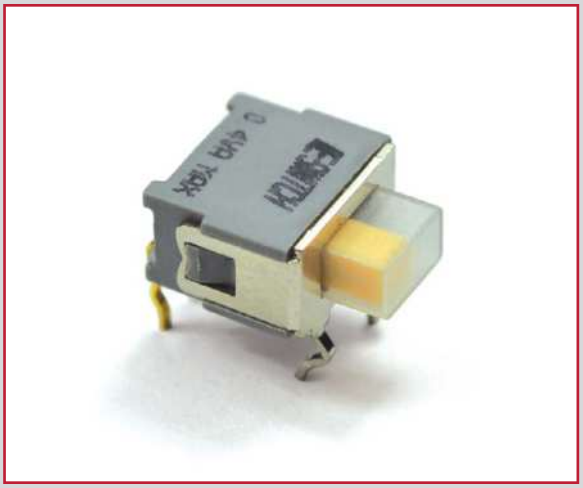
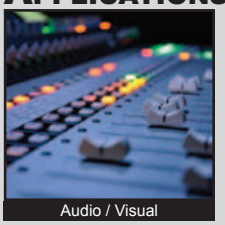
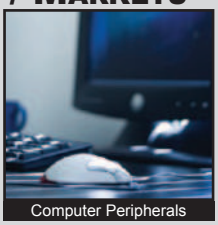
500R Series Slide Switch



Applications / Markets


Audio / Visual


Computer Peripherals


Consumer Electronics


Instrumentation


Telecommunication


Medical Equipment

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**

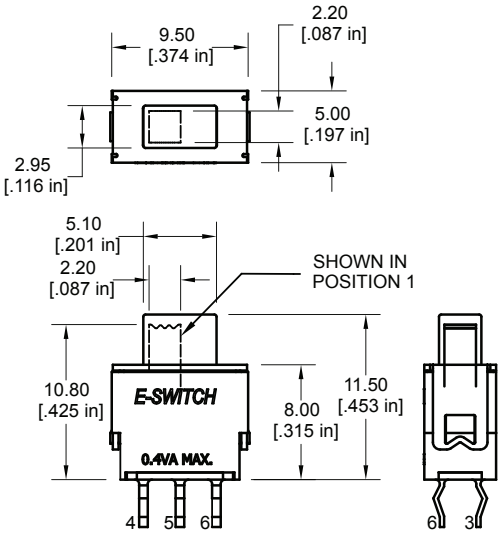
Part Number Configurator

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

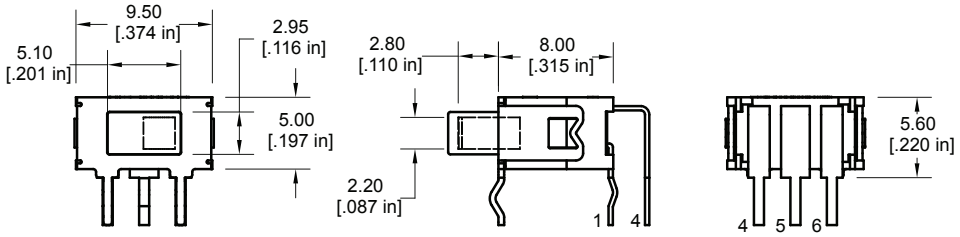
Specifications subject to change without notice

Body Dimensions
(Double Pole shown)

Vertical

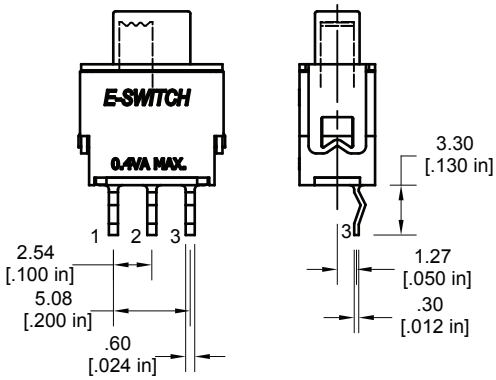


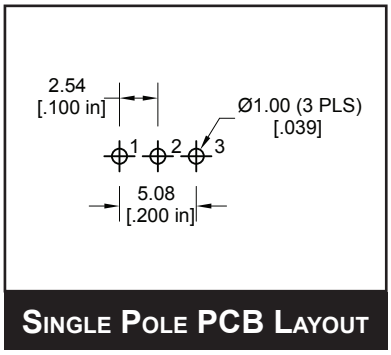
Right Angle



M2 Termination

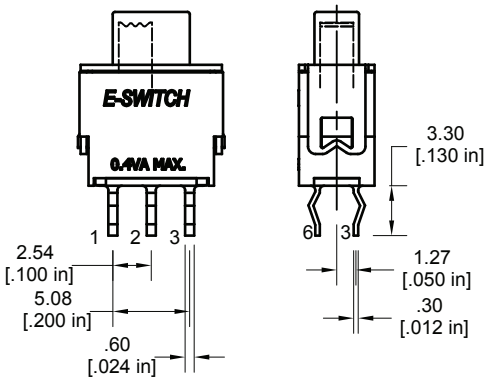
Single Pole

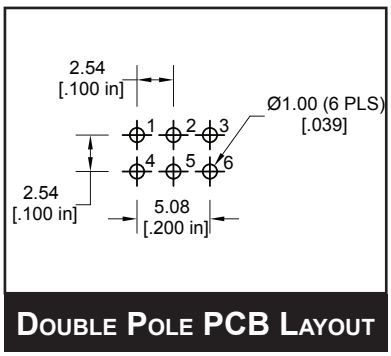




Single Pole PCB Layout

Double Pole

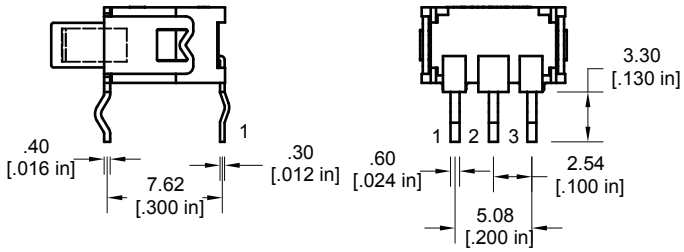


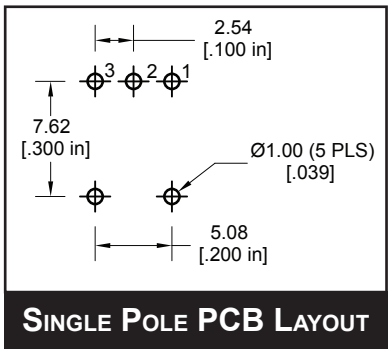


Double Pole PCB Layout

M6 Termination

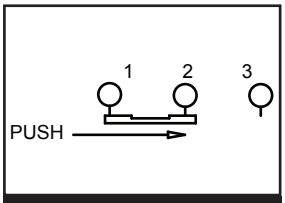
Single Pole





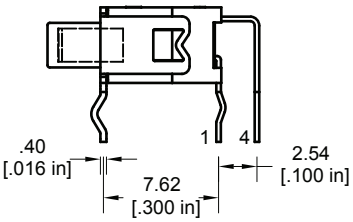
Single Pole PCB Layout

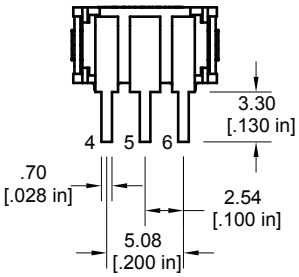
SWITCH FUNCTION			
Model No.	POS. 1	POS. 2	POS. 3
SP1	ON	NONE	ON
SP3	ON	OFF	ON
Term. Comm.	2-1	OPEN	2-3

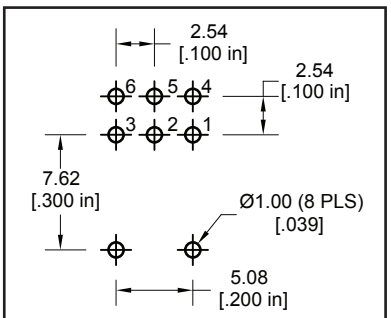


SP Schematic

Double Pole

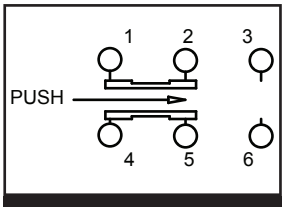






Double Pole PCB Layout

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



DP Schematic