

MP Miniature Toggle Switch

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**RoHS
Compliant**



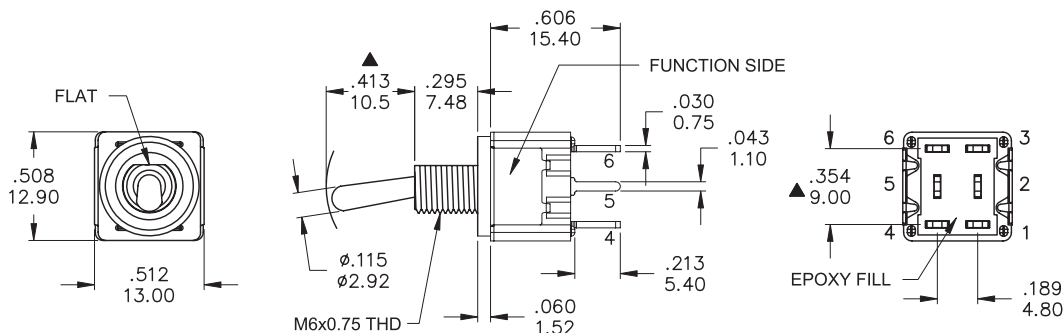
Specifications

Mechanical Life	: 100,000 make-and-break cycles.
Contact Resistance	: 10mΩ max.
Insulation Resistance	: 500V 500MΩ min.
Dielectric Strength	: 1,000 Vrms min.@sea level.
Operating Temperature	: -40°C to 85°C.
Range	: MP Miniature Toggle Switch

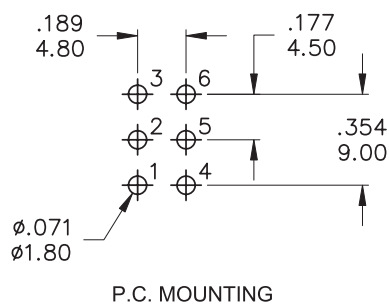
Materials

Case	: Diallyl phthalate (DAP) (UL94V-0)
Actuator	: Brass, Chrome Plated
Bushing	: Brass, Nickel Plated
Housing	: Stainless Steel
Terminal/Contact	: Brass

Diagram



--	Contact Plating	Terminal Plating	Ratings
Q	Silver	Silver	6A @ 125V AC 3A @ 250V AC or 28V DC
C	Gold over Silver	Gold over silver	
R	Gold	Gold	0.4 Volt-Amps (VA) max. @20V max. (AC or DC)



Switch Function

Model	Pos.1	Pos.2	Pos.3
MP1FD2T1B9M2QES-5	ON	NONE	(ON)
Term. Comm.	2-3, 5-6	N/A	2-1, 5-4
Schematic			

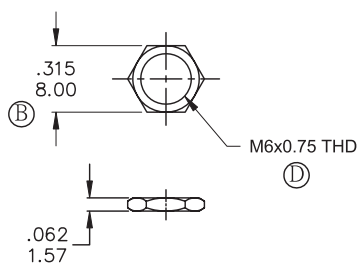
Dimensions : Inches (Millimetres)

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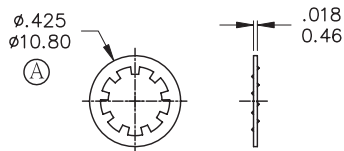
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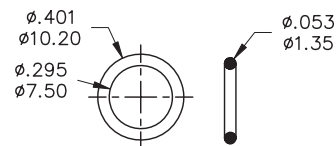
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METRIC NUT



LOCKING WASHER



O-RING

Part Number Table

Description	Part Number
Toggle Switch, On-None-(On), PC mount	MP1FD2T1B9M2QES-5

Dimensions : Inches (Millimetres)

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