

MP Miniature Toggle Switch

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**RoHS
Compliant**



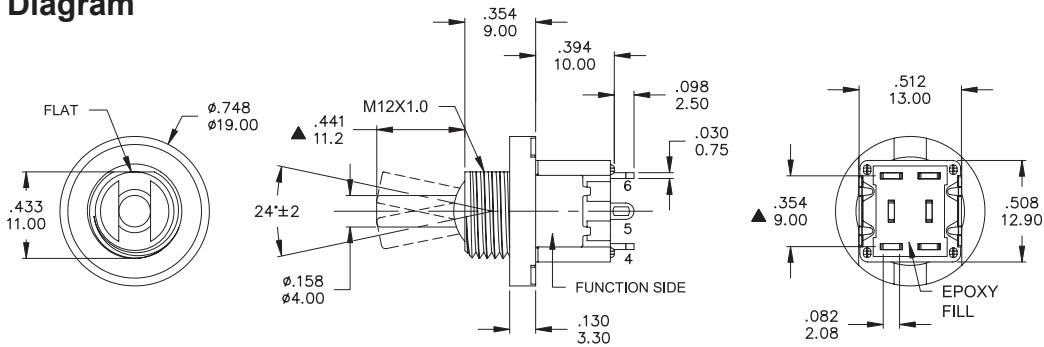
Specifications

Mechanical Life : 200,000 make-and-break cycles DC 10V & 0.1ma.
 Contact Resistance : 10mΩ max.
 Insulation Resistance : 500V 500MΩ min.
 Dielectric Strength : 1,000 Vrms min.@sea level.
 Operating Temperature Range : -40°C to 85°C.
 : MP Miniature Toggle Switch

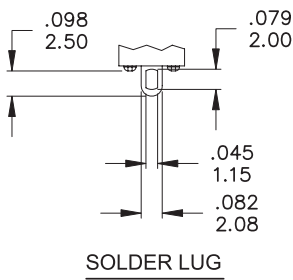
Materials

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
C	Gold over Silver	Gold over silver	3A @ 250V AC or 28V DC
R	Gold	Gold	0.4 Volt-Amps (VA) max. @20V max. (AC or DC)



Switch Function

Model	Pos.1	Pos.2	Pos.3
MP1FD4T12BA1M1QES-5	(ON)	OFF	(ON)
Term. Comm.	2-3, 5-6		2-1, 5-4
Schematic		N/A	

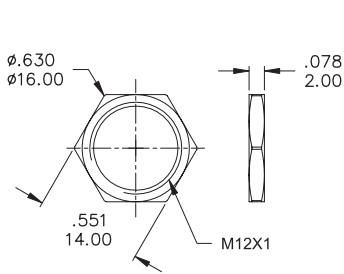
Dimensions : Inches (Millimetres)

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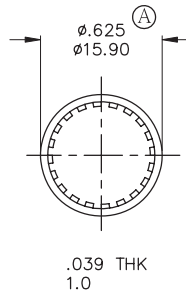
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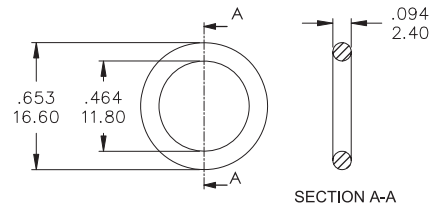
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M12x1 NUTS



LOCKING RING



O-RING

Part Number Table

Description	Part Number
Toggle Switch, (On)-Off-(On), Solder Lug	MP1FD4T12BA1M1QES-5

Dimensions : Inches (Millimetres)

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