

# MP Miniature Toggle Switch

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**RoHS  
Compliant**



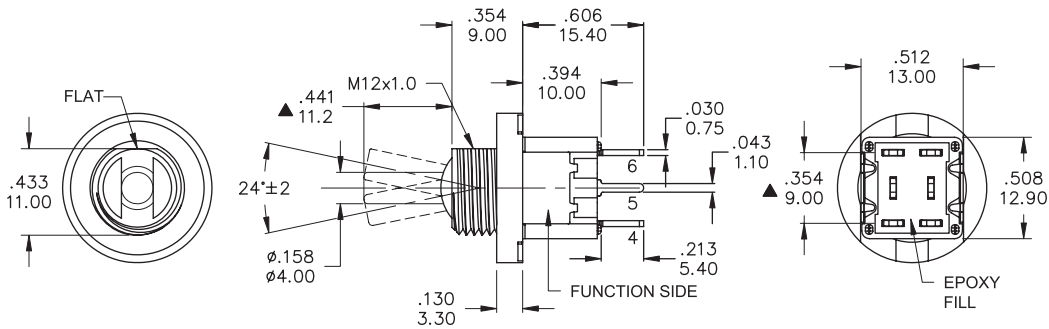
## Specifications

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 : -40°C to 85°C.  
 Range : MP Miniature Toggle Switch

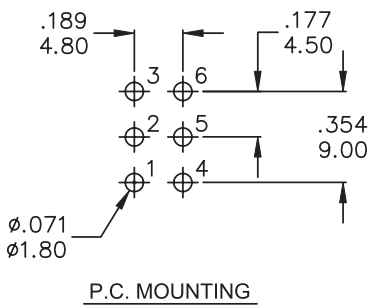
## Materials

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
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)



Dimensions : Inches (Millimetres)

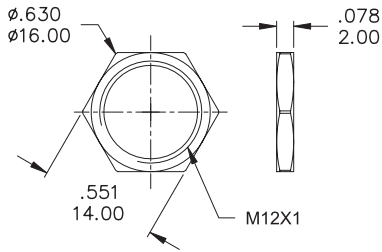
## Switch Function

Model	Pos.1	Pos.2	Pos.3
MP1FD4T12BA1M2QES-5	(ON)	OFF	(ON)
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4
Schematic			

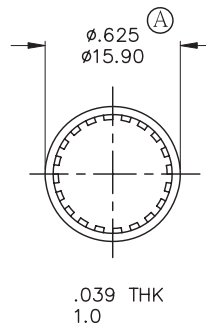
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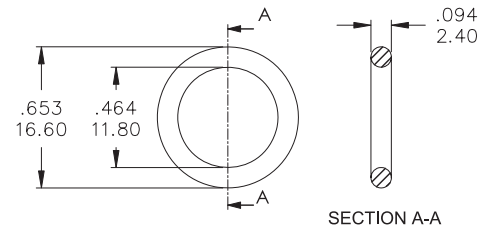
# MP Miniature Toggle Switch



M12x1 NUTS



LOCKING RING



O-RING

## Part Number Table

Description	Part Number
Toggle Switch, (On)-Off-(On), PC mount	MP1FD4T12BA1M2QES-5

Dimensions : Inches (Millimetres)

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