

# MP Miniature Toggle Switch

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**RoHS  
Compliant**



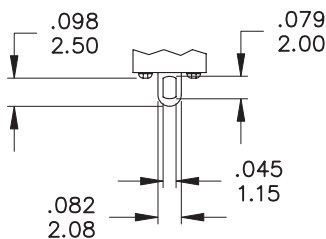
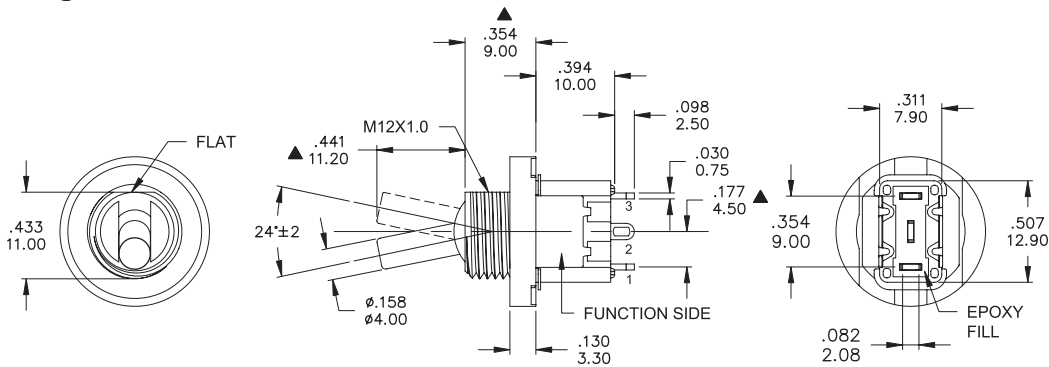
## Specifications

Mechanical Life : 200,000 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.  
 Water-Resistance : 100 make-and break cycles min. at 10cm depth  
 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



SOLDER LUG

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

## Switch Function

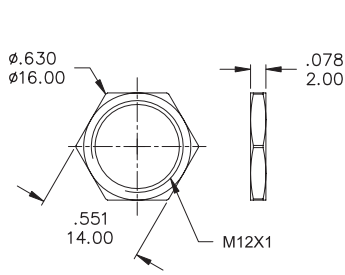
Model	Pos.1	Pos.2	Pos.3
MP1FS2T12BA1M1QES-5	ON	NONE	(ON)
Term. Comm.	2-3		2-1
Schematic		N/A	

Dimensions : Inches (Millimetres)

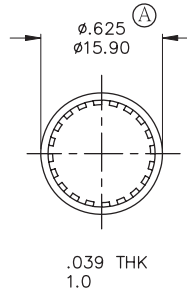
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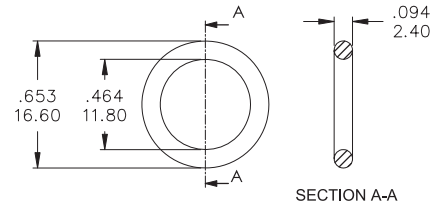
# MP Miniature Toggle Switch



M12x1 NUTS



LOCKING RING



O-RING

## Part Number Table

Description	Part Number
Toggle Switch, On-None-(On), Solder Lug	MP1FS2T12BA1M1QES-5

Dimensions : Inches (Millimetres)

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