

MP Miniature Toggle Switch

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**RoHS
Compliant**



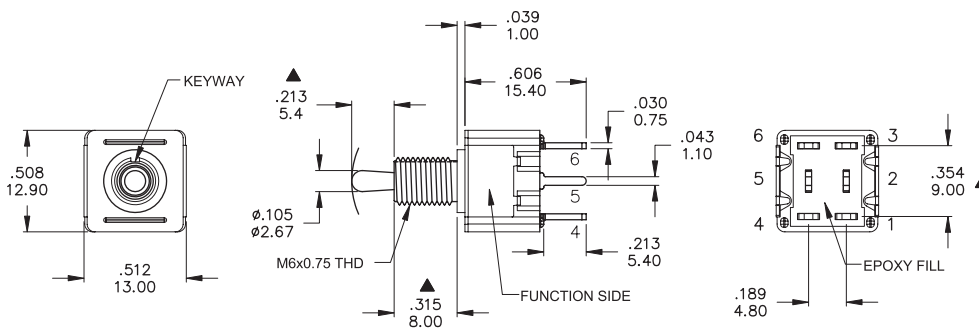
Specifications

Mechanical Life : 100,000 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

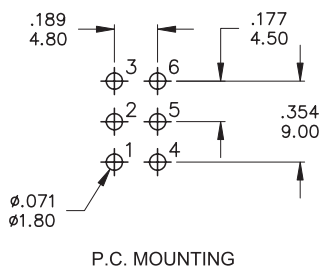
Materials

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) |



Switch Function

| Model | Pos.1 | Pos.2 | Pos.3 |
|-------------------|----------|-------|----------|
| | | | |
| MP1FD3T2B6M2QES-5 | ON | OFF | ON |
| Term. Comm. | 2-3, 5-6 | OPEN | 2-1, 5-4 |
| Schematic | | | |

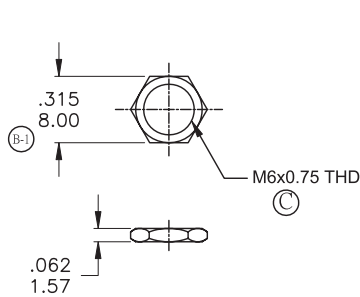
Dimensions : Inches (Millimetres)

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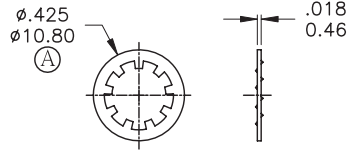
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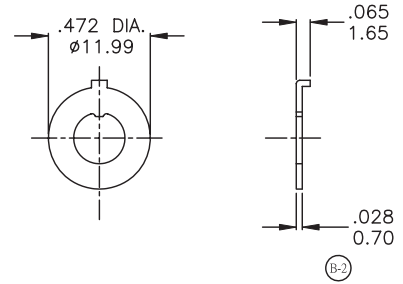
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METRIC NUT



LOCKING WASHER



LOCKING RING

Part Number Table

| Description | Part Number |
|------------------------------------|-------------------|
| Toggle Switch, On-Off-On, PC mount | MP1FD3T2B6M2QES-5 |

Dimensions : Inches (Millimetres)

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