MP Miniature Toggle Switch
multicomp PRO

RoHS Compliant
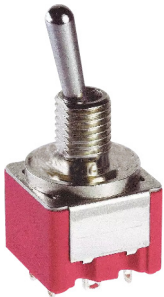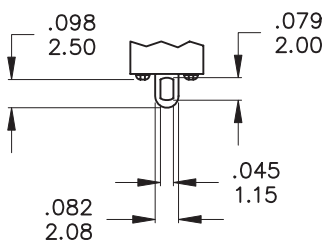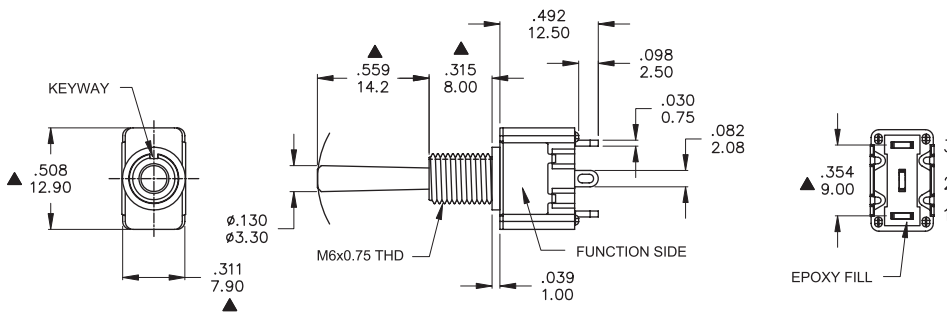
Specifications

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

KEYWAY

.559 / 14.2
.315 / 8.00
.492 / 12.50
.098 / 2.50
.030 / 0.75
.082 / 2.08
.508 / 12.90
ø.130 / ø3.30
.311 / 7.90
M6x0.75 THD
FUNCTION SIDE
.039 / 1.00
.354 / 9.00
EPOXY FILL
3
2
1

SOLDER LUG

.098 / 2.50
.079 / 2.00
.045 / 1.15
.082 / 2.08

--	Contact Plating	Terminal Plating	Ratings
Q	Silver	Slver	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

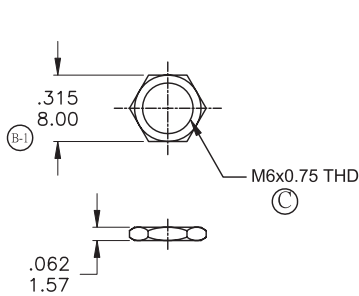| Model	Pos.1	Pos.2	Pos.3
MP1FS3T3B6M1QES-5	ON	OFF	ON
Term. Comm.	2-3	OPEN	2-1
Schematic			

Dimensions : Inches (Millimetres)

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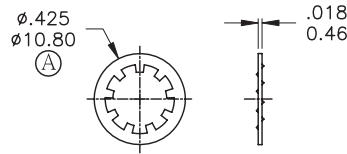Farnell.com/multicomp-pro
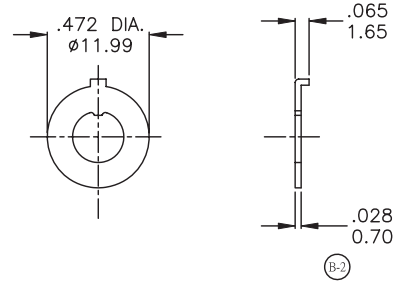sg.element14.com/b/multicomp-pro

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MP Miniature Toggle Switch

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.315
8.00

M6x0.75 THD

.062
1.57

METRIC NUT

ø.425
ø10.80

.018
0.46

LOCKING WASHER

.472 DIA.
ø11.99

.065
1.65

.028
0.70

LOCKING RING

Part Number Table

Description	Part Number
Toggle Switch, On-Off-On, Solder Lug	MP1FS3T3B6M1QES-5

Dimensions : Inches (Millimetres)

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