



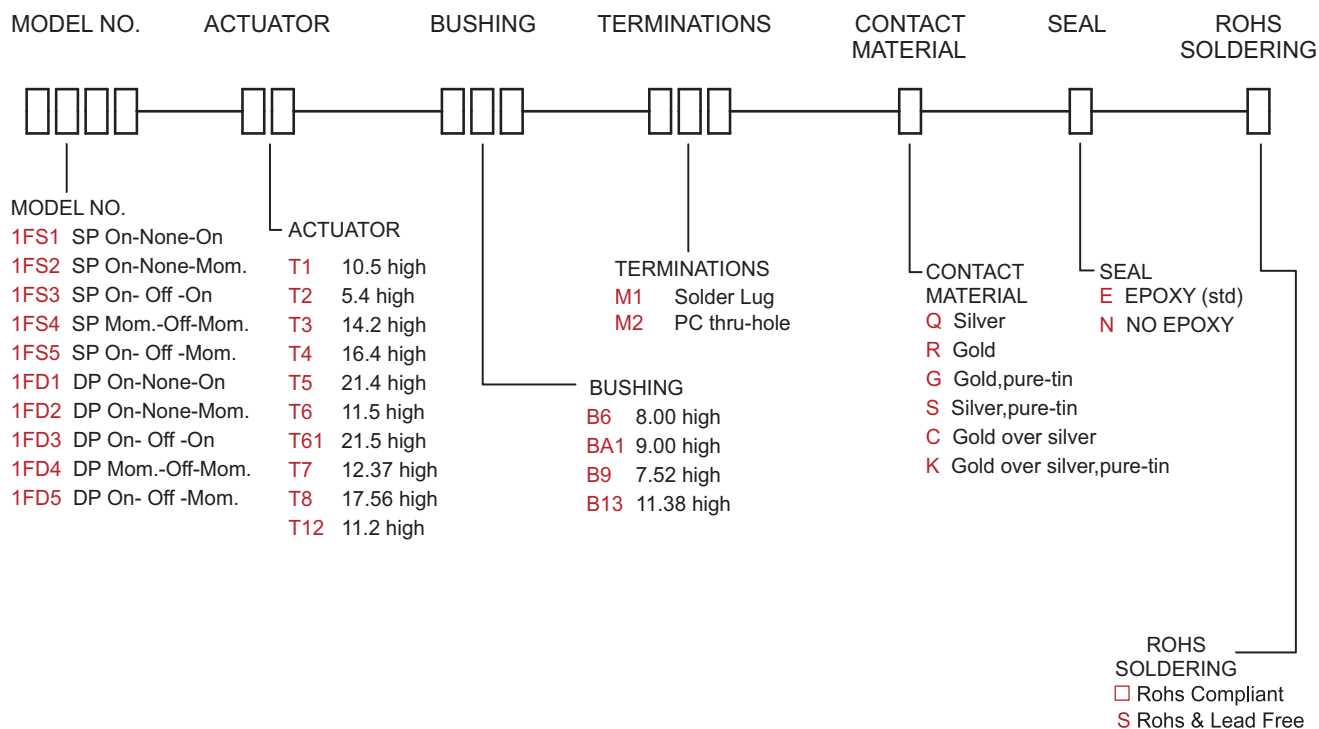
SPECIFICATIONS

CONTACT RATING: AC 125V 6A, AC 250V 3A ,DC 30V 3A
MECHANICAL LIFE: 200,000 make-and-break cycles DC 10V & 0.1mA.
CONTACT RESISTANCE: 10mΩmax.
INSULATION RESISTANCE: 500V 500MΩmin.
DIELECTRIC STRENGTH: 1,000 V RMS@sea level.
OPERATING TEMPERATURE: -30°C to 85°C.
WATER-RESISTANCE: 100 make-and-break cycles min at10cmdepth

MATERIALS

CASE: Diallyl phthalate (DAP) (UL94v-0).
ACTUATOR: Brass,chrome plated.
BUSHING: Brass,nickel plated.
HOUSING: Stainless Steel.
SWITCH SUPPORT: Brass,tin plated.
TERMINAL/CONTACT: Silver or gold plated.(See Page 25)

HOW TO ORDER



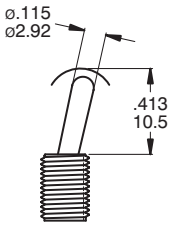
SWITCH FUNCTION

| NO. POLES | MODEL NO. | SWITCH FUNCTION | | | CONNECTED TERMINALS / SCHEMATIC | | |
|-----------|-----------|-----------------|-------|-------|---------------------------------|-------|---------|
| | | POS.1 | POS.2 | POS.3 | POS.1 | POS.2 | POS.3 |
| | | | | | | | |
| SP | 1FS1 | ON | NONE | ON | | N/A | 2-1 |
| | 1FS2 | ON | NONE | MOM | | | |
| | 1FS3 | ON | OFF | ON | | | |
| | 1FS4 | MOM | OFF | MOM | | | |
| | 1FS5 | ON | OFF | MOM | | | |
| DP | 1FD1 | ON | NONE | ON | | N/A | 2-1,5-4 |
| | 1FD2 | ON | NONE | MOM | | | |
| | 1FD3 | ON | OFF | ON | | | |
| | 1FD4 | MOM | OFF | MOM | | | |
| | 1FD5 | ON | OFF | MOM | | | |

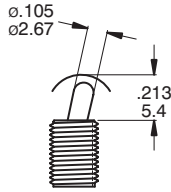
MOM=MOMENTARY

ACTUATOR OPTIONS

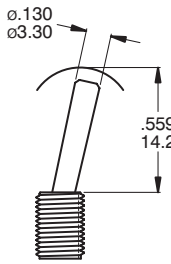
T1 STD



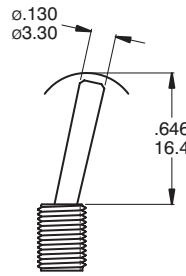
T2



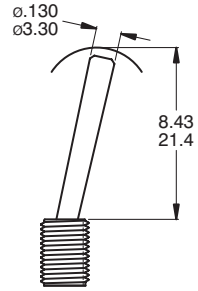
T3



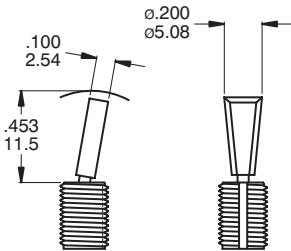
T4



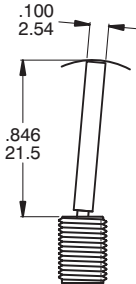
T5



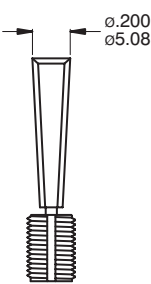
T6 FLATTED WITH ANTIROTATION



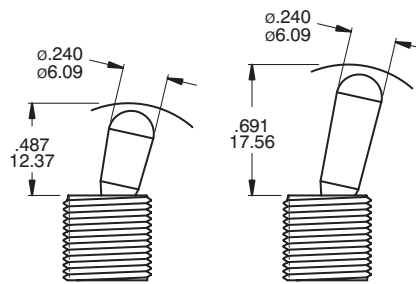
T61



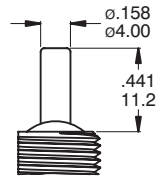
T7



T8



T12



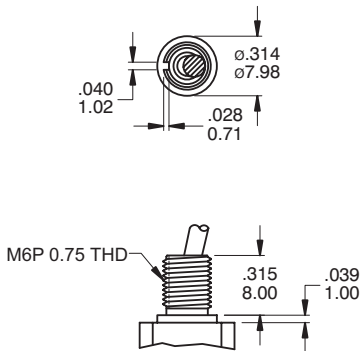
T6,T6-1 use with B6 bushing only

T7,T8 use with B13 bushing only

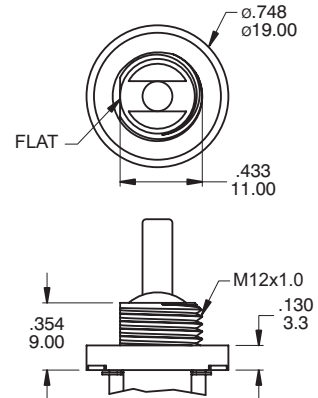
T12 use with BA1 bushing only

BUSHING OPTIONS

B6 HIGH TORQUE

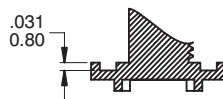
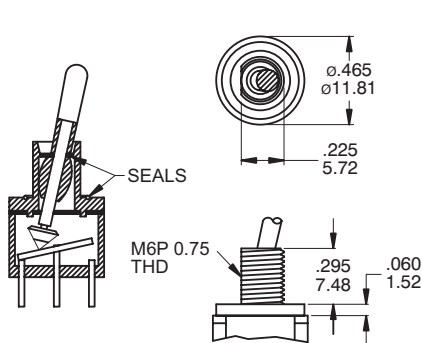


BA1 SPLASH PROOF

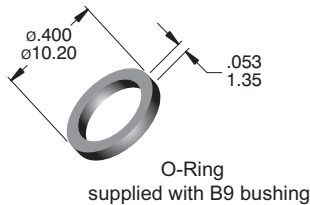


Use with T12 actuators only
BA1 Bear Strength from top of actuator
up to 10kg aside up to 15kg

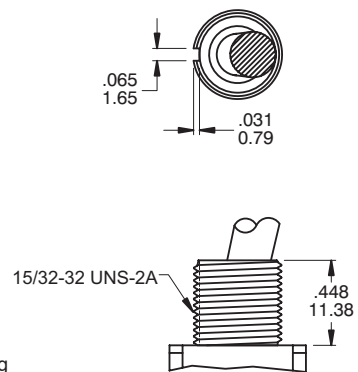
B9 SPLASH PROOF



CP-1TEB

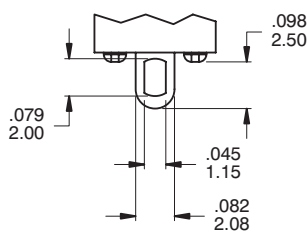


B13

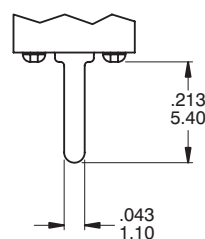


TERMINATION OPTIONS

M1 SOLDER LUG

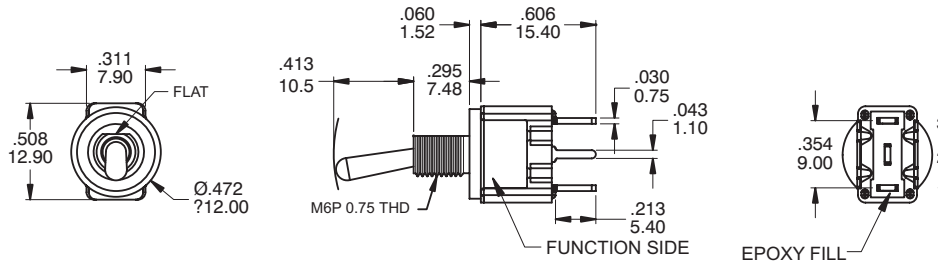


M2 PC THRU - HOLE



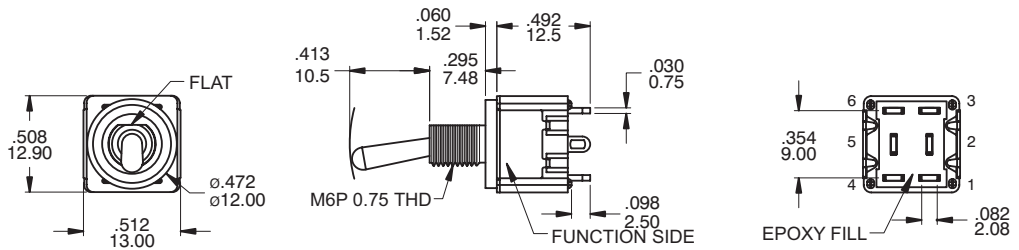
POLE OPTIONS

SPDT



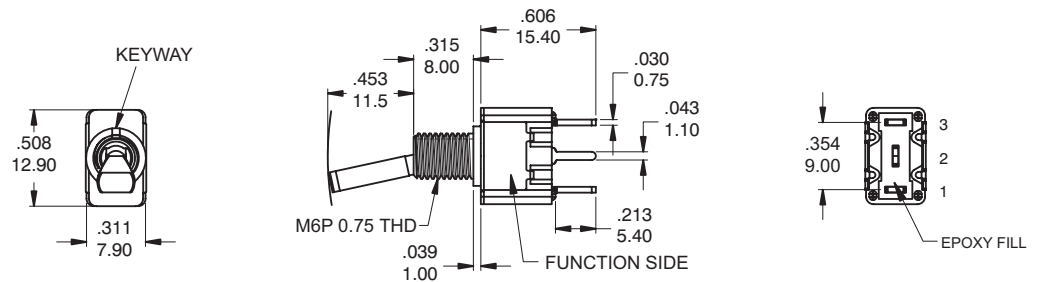
Part No. Shown : 1FS1T1B9M2QES

DPDT



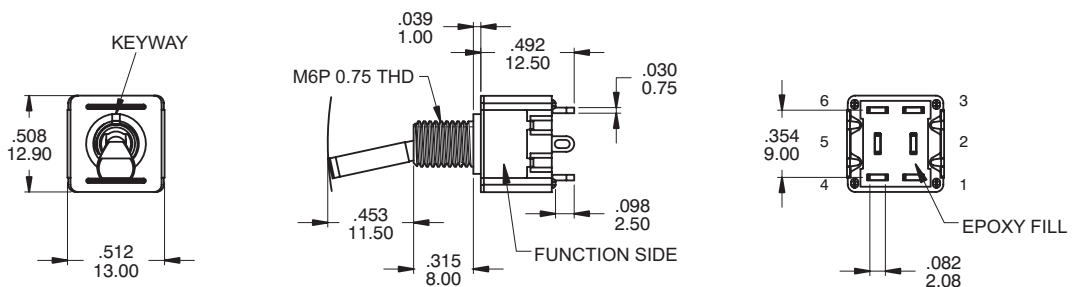
Part No. Shown : 1FD1T1B9M1QES

SPDT

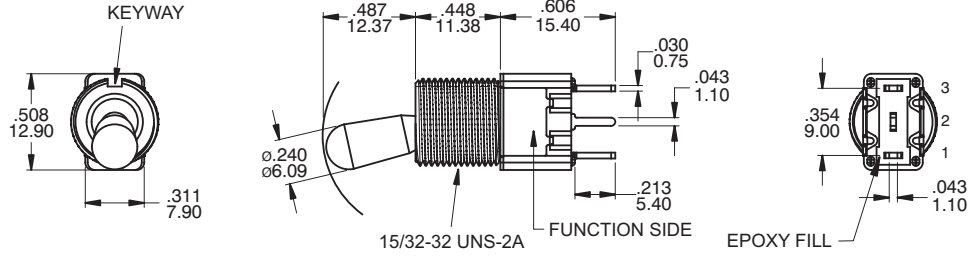


Part No. Shown : 1FS1T6B6M2QES

DPDT

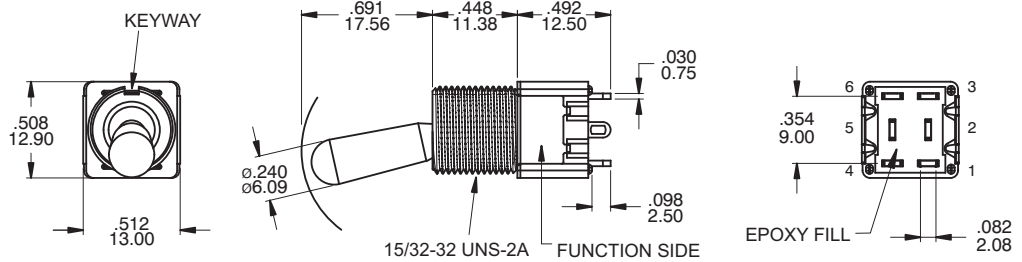


SPDT



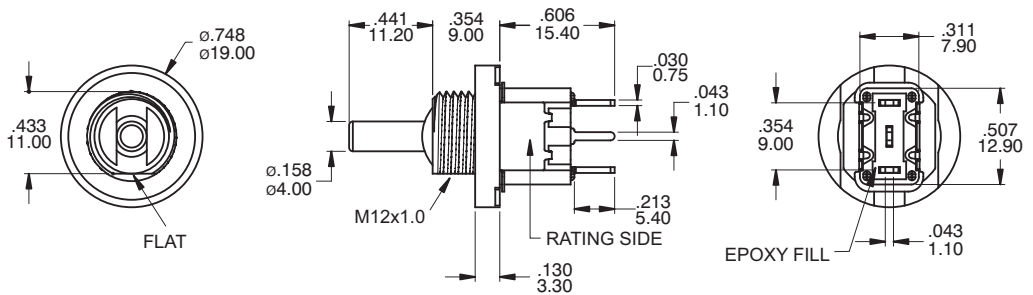
Part No. Shown : 1FS1T7B13M2QES

DPDT



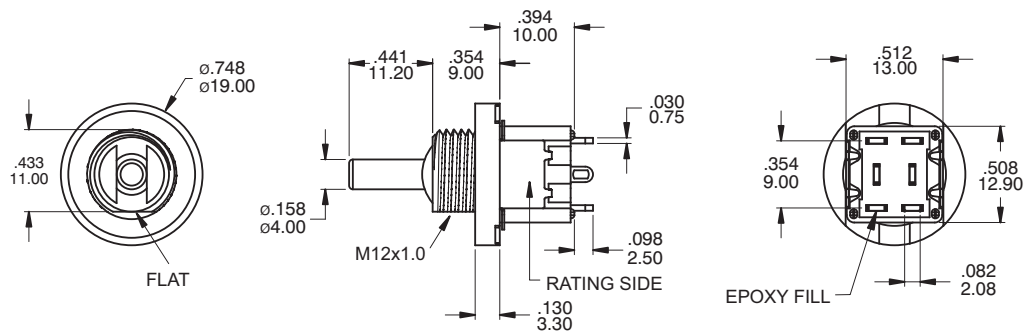
Part No. Shown : 1FD1T8B13M1QES

SPDT



Part No. Shown : 1FS1T12BA1M2QES

DPDT



CONTACT MATERIAL OPTIONS

| | CONTACT MATERIAL | TERMINAL PLATING | RATINGS |
|---|------------------|---------------------------------|--|
| Q | Silver | Q = Silver | 6 Amps with resistant load @ 125VAC or 28VDC 3 Amps with resistant load @ 250VA |
| S | | S = Silver,pure - tin | |
| C | Gold over Silver | C = Gold over silver | |
| K | | K = Gold over silver,pure - tin | |
| R | Gold | R = Gold | 0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC) |
| G | | G = Gold,pure - tin | |



SOLDERING PROCESSES

MANUAL SOLDERING : Use soldering iron of 30 watts, controlled st 350°C approximately 5 seconds while applying solder.

WAVE SOLDERING : Recommended Soldering Temperature : 260 ± 5°C
Duration of Solder Immersion : 5 ± 1 seconds
(PCB is 1.6mm in thickness)

SOLDERING : Vapor phase

