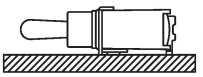
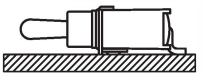
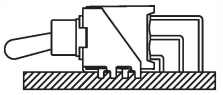






SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info.
ELECTRICAL LIFE: 30,000 make-and-break cycles at full load.
CONTACT RESISTANCE: 20mΩ max typ. initial@2-4 VDC
100mA for both silver and gold contacts.
INSULATION RESISTANCE: 1,000MΩ min.
DIELECTRIC STRENGTH: 1,500 V RMS.@ sea level.
OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

CASE & BUSHING: PA46 or FR52, flame retardant, heat stabilized(UL 94V-0).
ACTUATOR: Brass, chrome plated, internal o-ring sealed (std).
ESD TOGGLE: Nylon46+carbon fiber (ESD resistance 9000VDC)
SWITCH SUPPORT: Brass (or Phosphor bronze), tin plated.
TERMINAL SEAL: Epoxy.

Specifications and Dimensions subject to change

If your preferred product configuration is not shown, please contact our sales representative for custom design.

HOW TO ORDER SYSTEM

02B □ □ □ □ □ □

Switch Function
WMSP-1 On-None-On
WMSP-2 On-None-(On)
WMSP-3 On-Off-On
WMSP-4 (On)-Off-(On)
WMSP-5 On-None-(On)

Actuator
T1 10.80 (.425") high
T2 6.10 (.240") high
P1 Plastic, anti-static 10.80 (.425") high
P2 Plastic, anti-static 6.80 (.268") high
P3 Plastic, anti-static 6.20 (.244") high
P4 Plastic, anti-static 7.40 (.291") high

Bushing
B4 4.50 (.177") high, unthreaded

Termination
M6 Surface moun, 7.27 (.268") pitcht
S6 Surface mount, 8.97 (.353") pitch
K6 Surface mount, 11.00 (.433") pitch
L6 Surface mount, 9.00 (.354") pitch
M7 Vertical, right angle, surface mount

Contact Material
Q Silver
P Silver (tin plated term.)
R Gold
K Gold (tin plated term.)
G Silver (gold over silver term.)

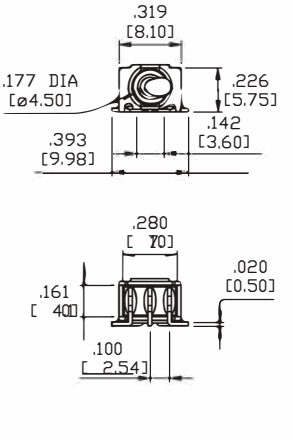
Seal
E Epoxy

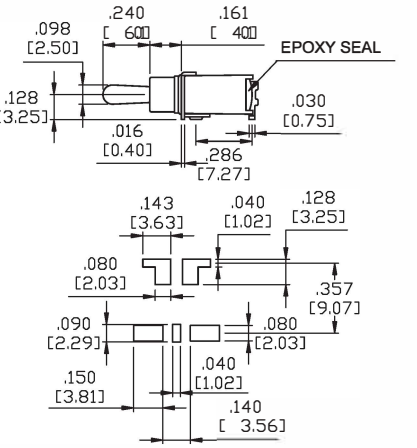
M6

Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic 2Comm.

SPDT



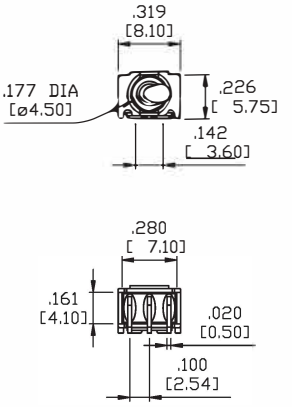


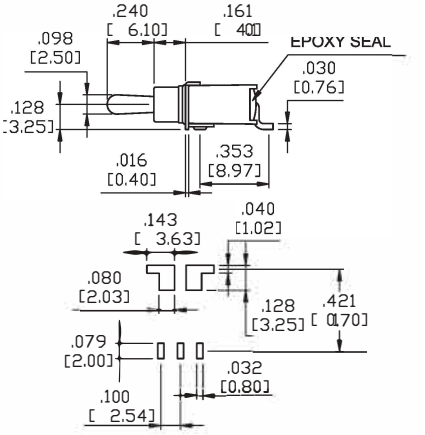
S6

Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic 2Comm.

SPDT



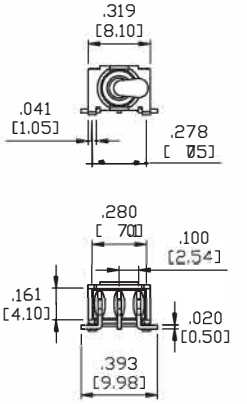


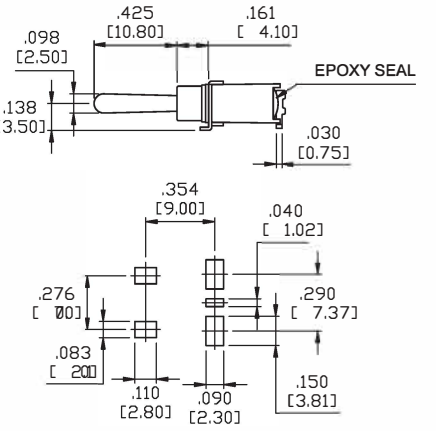
L6

Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic 2Comm.

SPDT



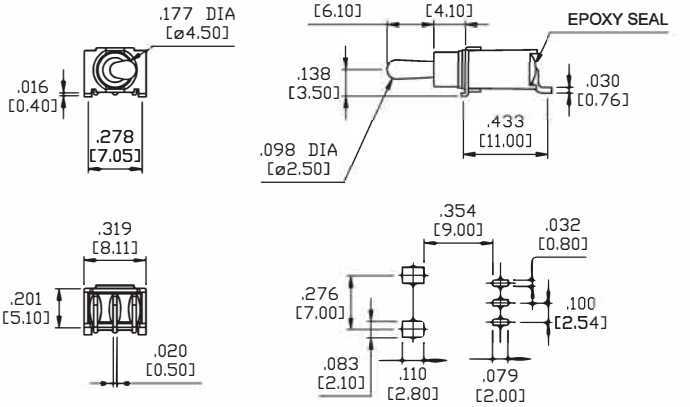


K6

Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic 2Comm.

SPDT

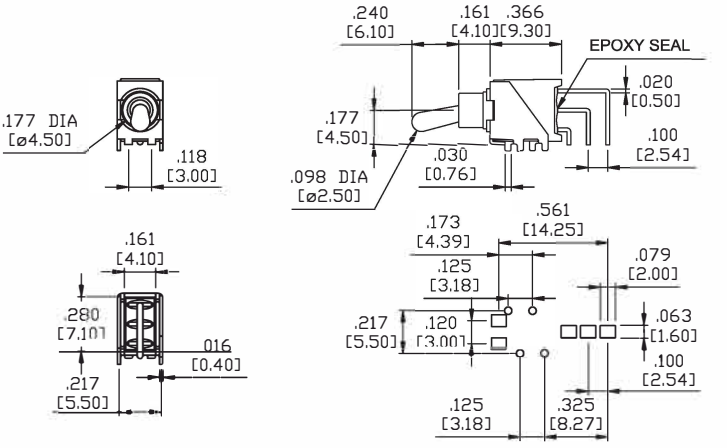


M7

Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

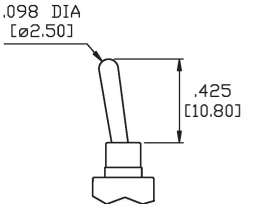
Schematic 2Comm.

SPDT



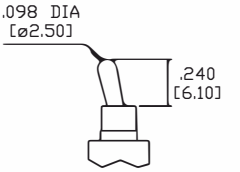
ACTUATOR OPTIONS

T1

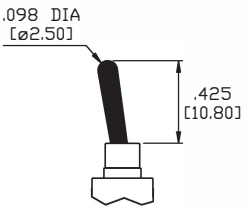


* Available with L6, S6, K6, M7 terminals only.

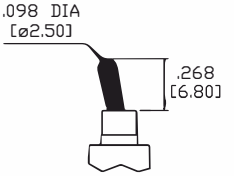
T2



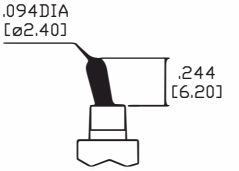
P1 PLASTIC TOGGLE



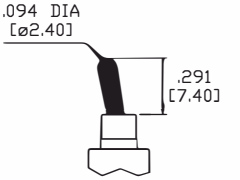
P2 PLASTIC TOGGLE



P3 PLASTIC TOGGLE

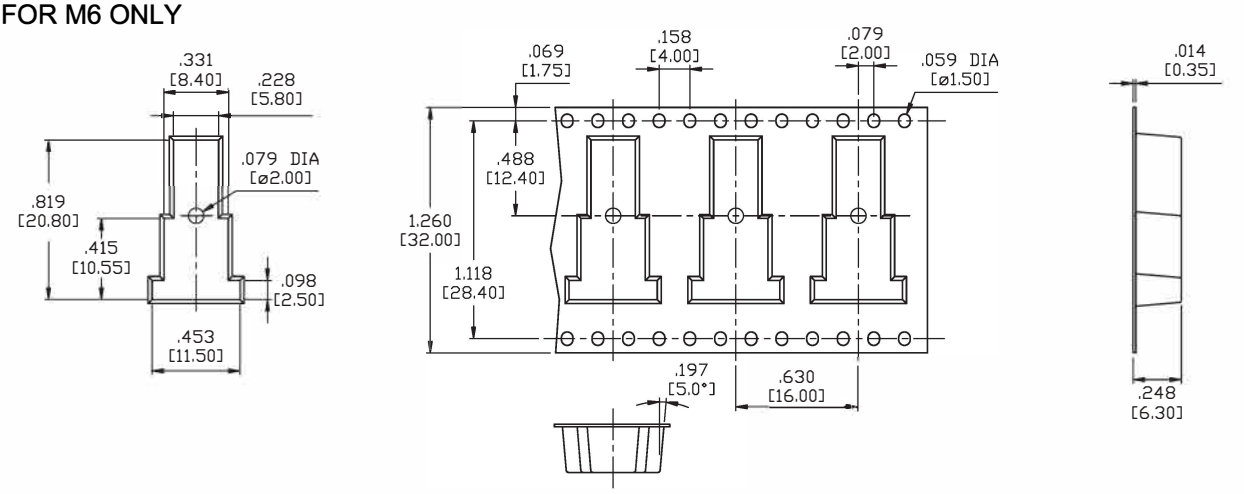


P4 PLASTIC TOGGLE

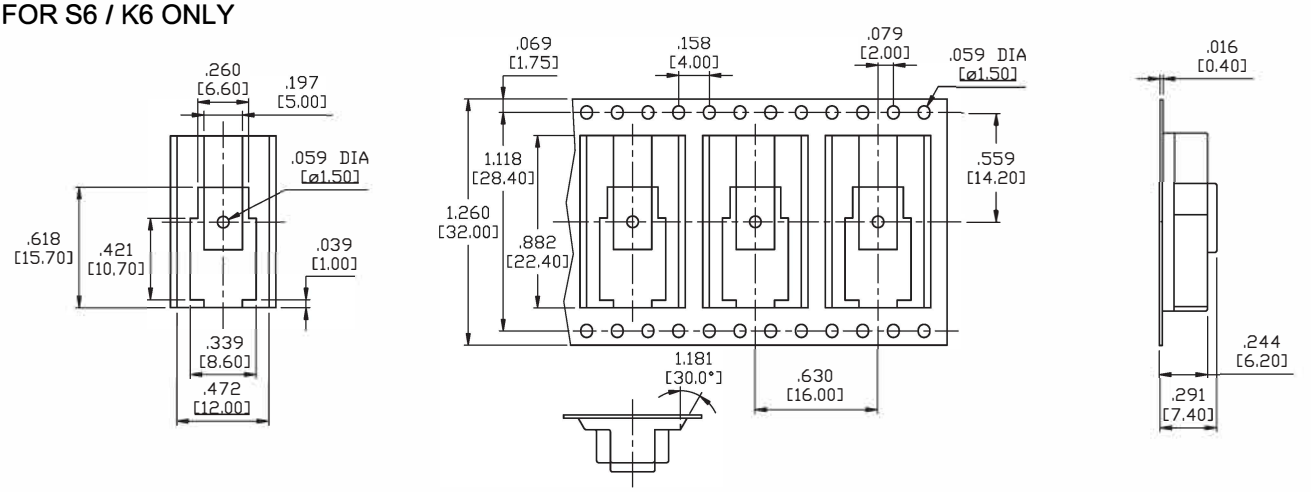


REEL TAPING

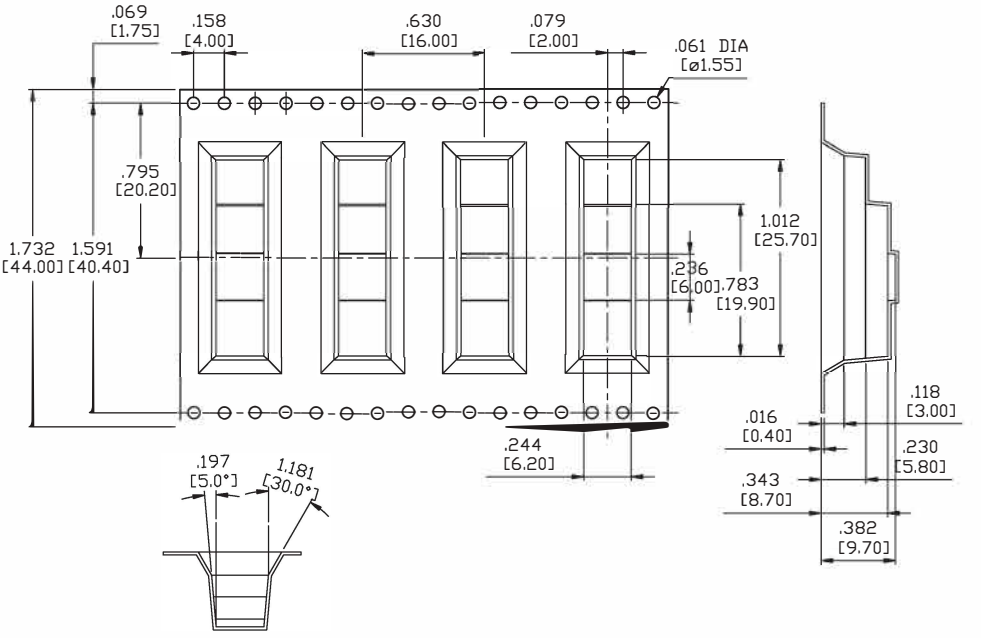
FOR M6 ONLY



FOR S6 / K6 ONLY

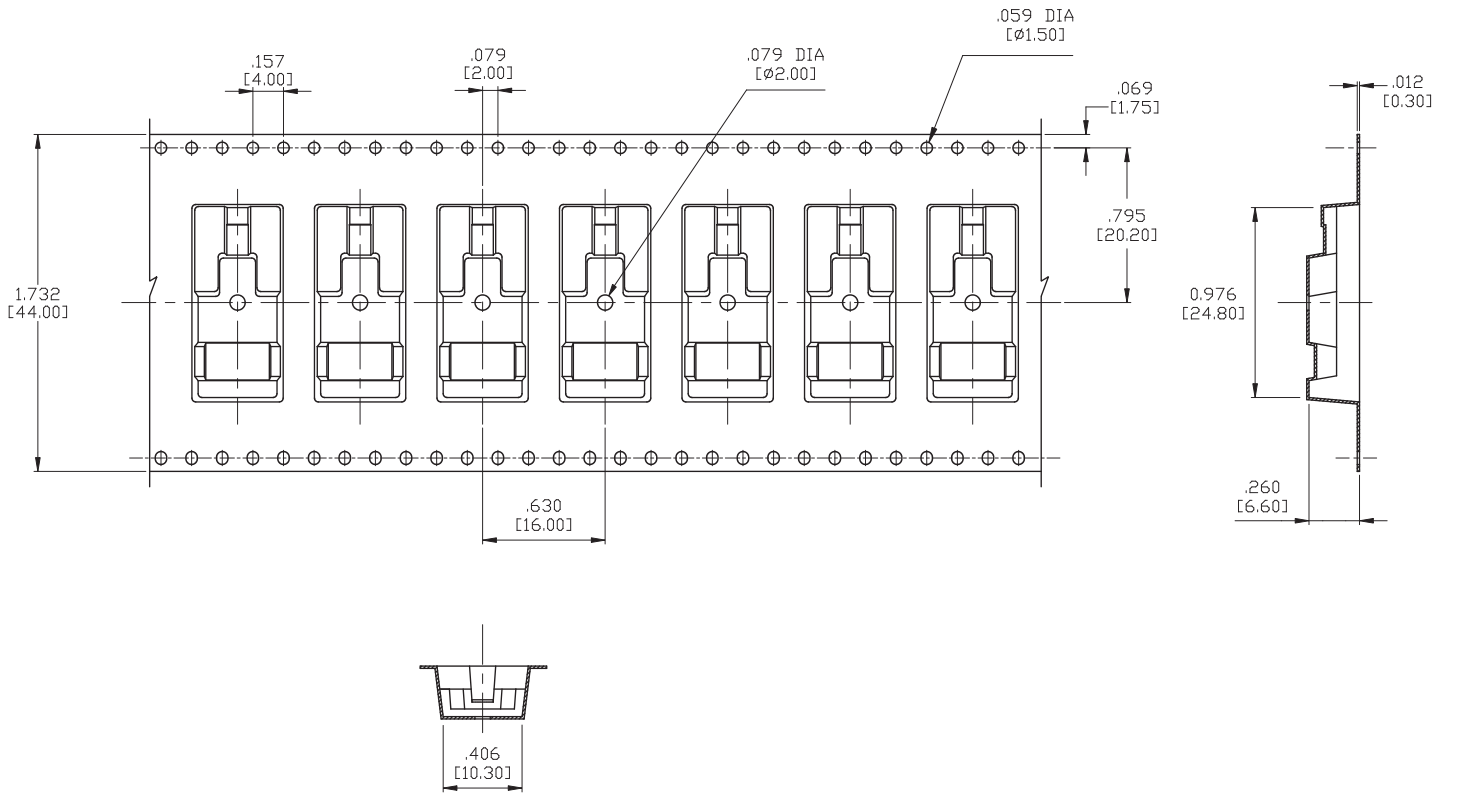


FOR M7 ONLY



REEL TAPING

FOR L6 ONLY



REEL TAPING

REEL INFORMATION	
OUTSIDE DIAMETER	12.99 [330.00]
PILOT HOLE	.502 [13.00]
QUANTITY PER REEL	500 400 (M7 model)

CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver [1]	Silver plated [1]	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67
P		Tin plated [5 7]		
R	Gold [2]	Gold plated [4]	0.4VA max @ 20V max (AC or DC)	IP67
K		Tin plated [5 6]		
G	Silver [1]	Gold over silver [3]	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67

1. Movable Contact / Terminals: Copper alloy, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.
5. Outer Terminals: Copper alloy with pure tin plated.
6. Terminal Contact: Gold plated over nickel plated.
7. Terminal Contact: Palladium nickel alloy (or Silver) plated.