Miniature Toggle Switches

multicomp PRO

RoHS Compliant

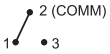
Specifications

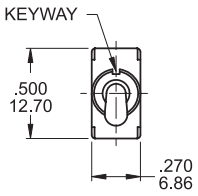
Contact Rating	: Dependent upon contact material
Mechanical Life	: 40,000 make-and-break cycles.
Contact Resistance	: 10mΩ max. initial @ 2-4VDC 100mA for both silver and gold plated contacts.
Insulation Resistance	: 1,000 MΩ min.
Dielectric Strength	: 1,000 Vrms min.@ sea level.
Operating Temperature	: -40°C to +85°C.

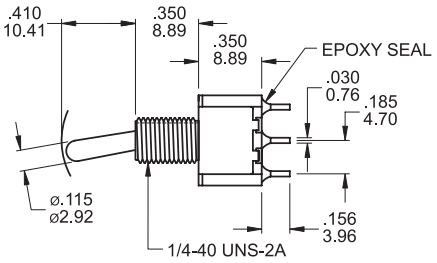
Materials

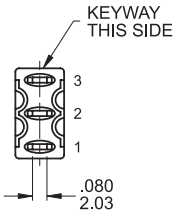
Case	: Diallyl phthalate (DAP) (UL94v-0).
Actuator	: Brass, chrome plated.
Bushing	: Brass, nickel plated.
Housing	: Stainless steel.
Switch Support	: Brass, tin plated.
Contact / Terminals	: Copper alloy, Silver or gold plated.

IP 67
ACCORDING TO
EN 60529:1991+A1:2001
IEC 60529:2001

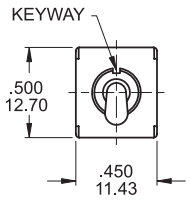
NO. POLES	SWITCH FUNCTION			CONNECTED TERMINALS / SCHEMATIC		
	POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SPDT	ON	NONE	ON	2-3	N/A	2-1 
	ON	NONE	(ON)			
	ON	OFF	ON		OPEN	
	(ON)	OFF	(ON)			
	ON	OFF	(ON)			
DPDT	ON	NONE	ON	2-3,5-6	N/A	2-1,5-4
	ON	NONE	(ON)			
	ON	OFF	ON		OPEN	
	(ON)	OFF	(ON)			
	ON	OFF	(ON)			

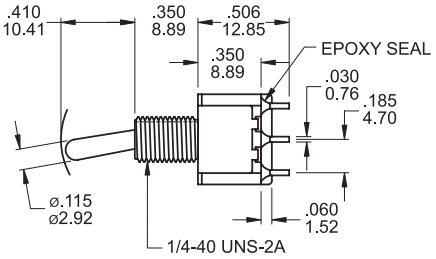


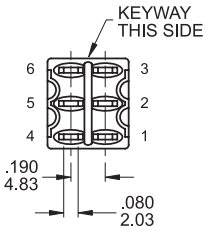




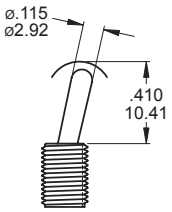
SPDT





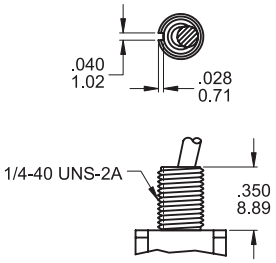


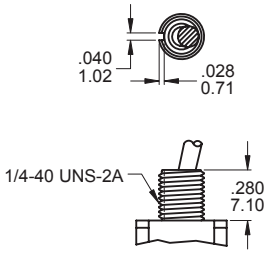
DPDT



10.41 high Actuator

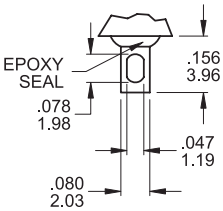
Bushing Options





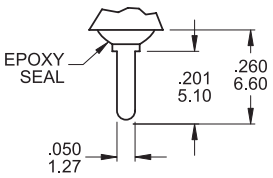
Termination Options

M1 Solder lug



.030(0.76) THK.

M2 PC Thru-hole



.030(0.76) THK.

Contact Material Options

	Contact Plating	Terminal Plating	Ratings
Q	Silver	Silver	5 Amps with resistant load @ 120VAC or 28VDC 2 Amps with resistant load @ 250VAC
R	Gold	Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)

Part Number Table

Description	Bushing Options	Termination Options	Contact Material	Part Number
Miniature Toggle Switch, SPDT, On-None-On, Vertical Through hole	B3	M2	R	MP004623
Miniature Toggle Switch, SPDT, On-None-(On), Vertical Through hole	B3	M2	R	MP004624
Miniature Toggle Switch, SPDT, On-Off-On, Vertical Through hole	B3	M2	R	MP004625
Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical Through hole	B3	M2	R	MP004626
Miniature Toggle Switch, SPDT, On-Off-(On), Vertical Through hole	B3	M2	R	MP004627
Miniature Toggle Switch, DPDT, On-None-On, Vertical Through hole	B3	M2	R	MP004628
Miniature Toggle Switch, DPDT, On-None-(On), Vertical Through hole	B3	M2	R	MP004629
Miniature Toggle Switch, DPDT, On-Off-On, Vertical Through hole	B3	M2	R	MP004630
Miniature Toggle Switch, DPDT, (On)-Off-(On), Vertical Through hole	B3	M2	R	MP004631
Miniature Toggle Switch, DPDT, On-Off-(On), Vertical Through hole	B3	M2	R	MP004632
Miniature Toggle Switch, SPDT, On-None-On, Vertical Through hole	B1	M2	Q	MP004633
Miniature Toggle Switch, SPDT, On-None-(On), Vertical Through hole	B1	M2	Q	MP004634
Miniature Toggle Switch, SPDT, On-Off-On, Vertical Through hole	B1	M2	Q	MP004635
Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical Through hole	B1	M2	Q	MP004636
Miniature Toggle Switch, SPDT, On-Off-(On), Vertical Through hole	B1	M2	Q	MP004637
Miniature Toggle Switch, DPDT, On-None-On, Vertical Through hole	B1	M2	Q	MP004638
Miniature Toggle Switch, DPDT, On-None-(On), Vertical Through hole	B1	M2	Q	MP004639
Miniature Toggle Switch, DPDT, On-Off-On, Vertical Through hole	B1	M2	Q	MP004640
Miniature Toggle Switch, DPDT, (On)-Off-(On), Vertical Through hole	B1	M2	Q	MP004641
Miniature Toggle Switch, DPDT, On-Off-(On), Vertical Through hole	B1	M2	Q	MP004642
Miniature Toggle Switch, SPDT, On-None-On, Solder Lug	B1	M1	Q	MP004643
Miniature Toggle Switch, SPDT, On-None-(On), Solder Lug	B1	M1	Q	MP004644
Miniature Toggle Switch, SPDT, On-Off-On, Solder Lug	B1	M1	Q	MP004645
Miniature Toggle Switch, SPDT, (On)-Off-(On), Solder Lug	B1	M1	Q	MP004646
Miniature Toggle Switch, SPDT, On-Off-(On), Solder Lug	B1	M1	Q	MP004647
Miniature Toggle Switch, DPDT, On-None-On, Solder Lug	B1	M1	Q	MP004648
Miniature Toggle Switch, DPDT, On-None-(On), Solder Lug	B1	M1	Q	MP004649
Miniature Toggle Switch, DPDT, On-Off-On, Solder Lug	B1	M1	Q	MP004650
Miniature Toggle Switch, DPDT, (On)-Off-(On), Solder Lug	B1	M1	Q	MP004651
Miniature Toggle Switch, DPDT, On-Off-(On), Solder Lug	B1	M1	Q	MP004652

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