

Sub-Miniature Toggle Switches **multicomp** PRO

**RoHS
Compliant**

Specifications

Contact Rating	: Max 0.4 VA max @ 48 VAC or DC
Mechanical Life	: minimum 40,000 operations.
Contact Resistance	: 50 mΩ max.
Insulation Resistance	: 1,000 MΩ min.
Dielectric Strength	: 500 Vrms min.@ sea level.
Operating Temperature	: -20°C to +85°C.
Degree Of Protection	: IP67

Materials

Actuator	: Brass, chrome plated, internal O-ring seal. Standard for all actuators.
Bushing & Housing	: SPCC
Case	: Glass filled nylon 6/6, flame retardant, heat stabilized (UL94v-0)
Switch Support	: Brass, tin plated.
Contact	: Phosphor bronze gold - plated over nickel barrier.
Terminals	: Brass, gold plated.
Terminal Seal	: Epoxy

Switch Function

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)		OPEN 	2-1
	ON	OFF	ON			2-1
	(ON)	OFF	(ON)			2-1
	ON	OFF	(ON)			2-1
DPDT	ON	NONE	ON	2-3,5-6 	N/A	2-1,5-4
	ON	NONE	(ON)		OPEN 	2-1,5-4
	ON	OFF	ON			2-1,5-4
	(ON)	OFF	(ON)			2-1,5-4
	ON	OFF	(ON)			2-1,5-4

()=MOMENTARY

Newark.com/multicomp-pro
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Element14.com/multicomp-pro

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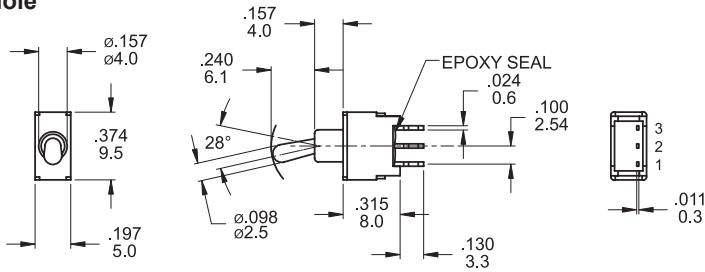
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Pole Options

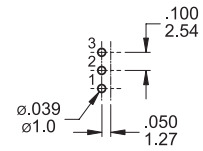
M2: PC Thru-hole



SPDT



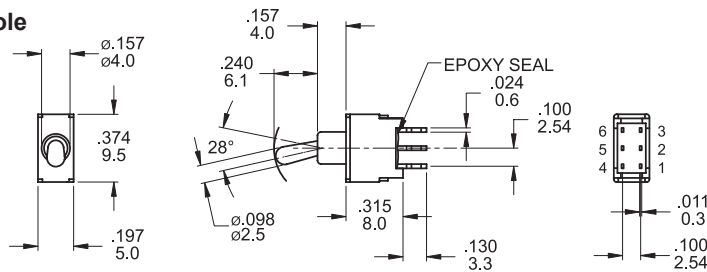
P.C. MOUNTING



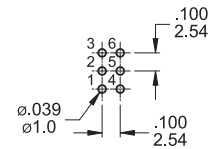
M2: PC Thru-hole



DPDT



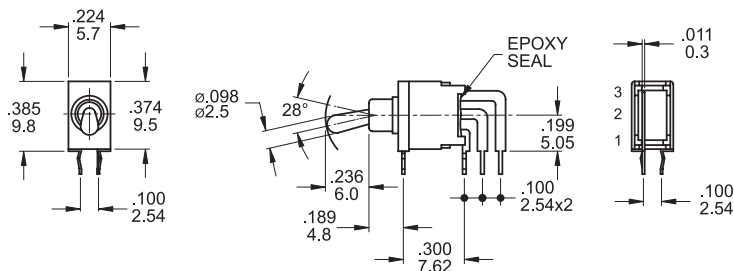
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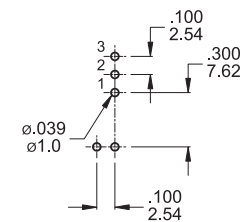
Vertical right angle, PC Thru-hole



SPDT



P.C. MOUNTING



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Part Number Table

Description	Termination Options	Part Number
Sub-Miniature Toggle Switch, SPDT, On-None-On, Vertical Through hole	M2	MP004590
Sub-Miniature Toggle Switch, SPDT, On-None-(On), Vertical Through hole	M2	MP004591
Sub-Miniature Toggle Switch, SPDT, On-Off-On, Vertical Through hole	M2	MP004592
Sub-Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical Through hole	M2	MP004593
Sub-Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical Through hole	M2	MP004594
Sub-Miniature Toggle Switch, SPDT, On-None-On, Vertical R/A Through hole	M7	MP004612
Sub-Miniature Toggle Switch, SPDT, On-None-(On), Vertical R/A Through hole	M7	MP004613
Sub-Miniature Toggle Switch, SPDT, On-Off-On, Vertical R/A Through hole	M7	MP004614
Sub-Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical R/A Through hole	M7	MP004615
Sub-Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical R/A Through hole	M7	MP004616
Sub-Miniature Toggle Switch, SPDT, On-None-On, Vertical Through hole	M2	MP004697
Sub-Miniature Toggle Switch, SPDT, On-Off-On, Vertical Through hole	M2	MP004698
Sub-Miniature Toggle Switch, SPDT, On-None-(On), Vertical Through hole	M2	MP004699
Sub-Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical Through hole	M2	MP004700
Sub-Miniature Toggle Switch, SPDT, (On)-Off-(On), Vertical Through hole	M2	MP004701
Sub-Miniature Toggle Switch, DPDT, On-None-On, Vertical Through hole	M2	MP004702
Sub-Miniature Toggle Switch, DPDT, On-Off-On, Vertical Through hole	M2	MP004703
Sub-Miniature Toggle Switch, DPDT, On-None-(On), Vertical Through hole	M2	MP004704
Sub-Miniature Toggle Switch, DPDT, (On)-Off-(On), Vertical Through hole	M2	MP004705
Sub-Miniature Toggle Switch, DPDT, On-Off-(On), Vertical Through hole	M2	MP004706

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