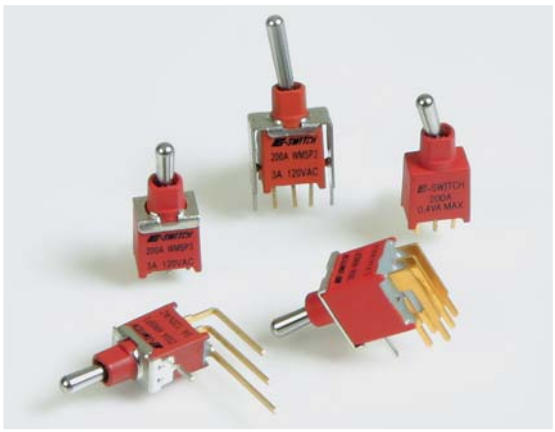
SERIES 200A SWITCHES

TOGGLE SWITCHES - SUB-MINIATURE



FEATURES & BENEFITS

- Variety of switching functions
- Sub-miniature
- Multiple actuator & bushing options
- Sealed to IP67

APPLICATIONS/MARKETS

- Telecommunications
- Instrumentation
- Networking
- Medical equipment

SPECIFICATIONS

Contact Rating:	Dependent on contact material
Life Expectancy:	50,000 make-and-break cycles at full load
Contact Resistance:	Below 20 m typ. initial @ 2-4 VDC, 100 mA, for both silver and gold plated contacts
Insulation Resistance:	1,000 M□1min.
Dielectric Strength:	1,000 V RMS min. @ sea level
Operating Temperature:	-30° C to 85° C
Seal Rated:	IP67

MATERIALS

Case & Bushing:	Glass filled nylon, flame retardant, heat stabilized (UL 94-V0)
Actuator:	Brass, chrome plated, internal O-ring seal standard for all actuators
Switch Support:	Brass, tin plated
Contacts / Terminals:	Silver or gold plated copper alloy
Terminal Seal:	Epoxy

HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR	BUSHING	TERMINATION	CONTACT MATERIAL	SEAL
200A	☐☐☐☐☐	☐☐	☐☐	☐☐☐☐	☐	E
	WMSP1 WMSP2 WMSP3 WMSP4 WMSP5 WMSP6* WMDP1 WMDP2 WMDP3	T1 T2	A1	M2 M6 M61 M7 VS2	Q = Silver R = Gold	E = Epoxy Sealed at Base of Terminal

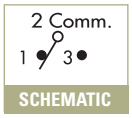
Example Ordering Number

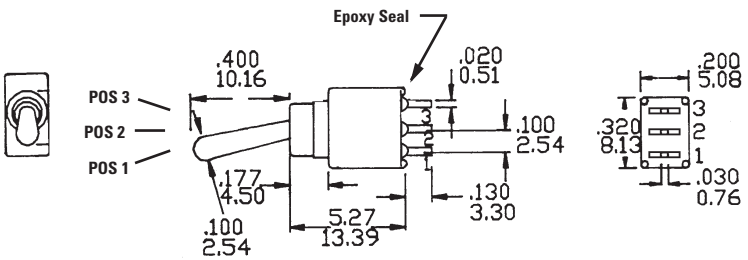
200A–WMSP2–T1–A1–VS2–Q–E

***Only available with M2 or VS2 termination**

Specifications subject to change without notice.

SPDT

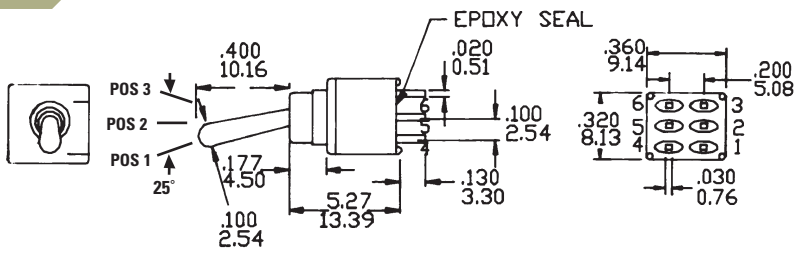




Model No.	POS 1	POS 2	POS 3
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2 - 3	OPEN	2 - 1
WMSP-6	OFF	NONE	ON
Term. Comm.	OPEN	NONE	3-1

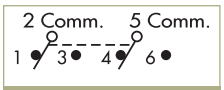
( ) = Momentary

DPDT



Model No.	POS 1	POS 2	POS 3
WMDP-1	ON	NONE	ON
WMDP-2	ON	NONE	(ON)
WMDP-3	ON	OFF	ON
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

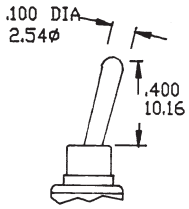
( ) = Momentary



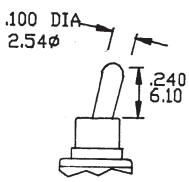
SCHEMATIC

ACTUATOR OPTIONS

T1

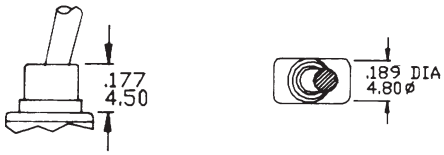


T2



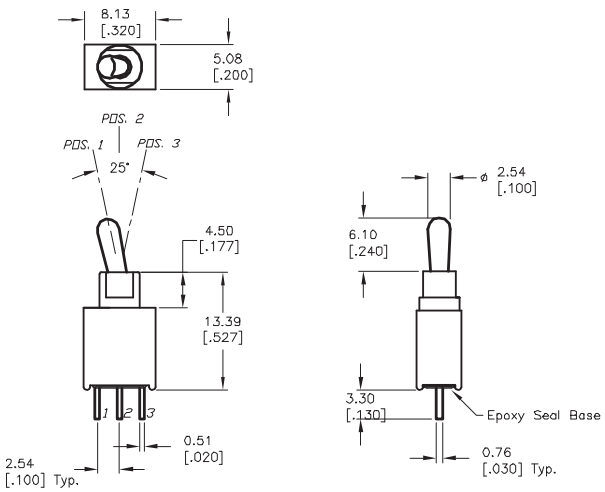
BUSHING OPTIONS

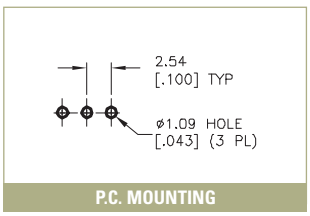
A1



TERMINATION OPTIONS

M2





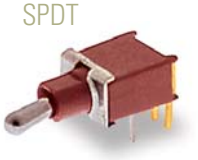
P.C. MOUNTING

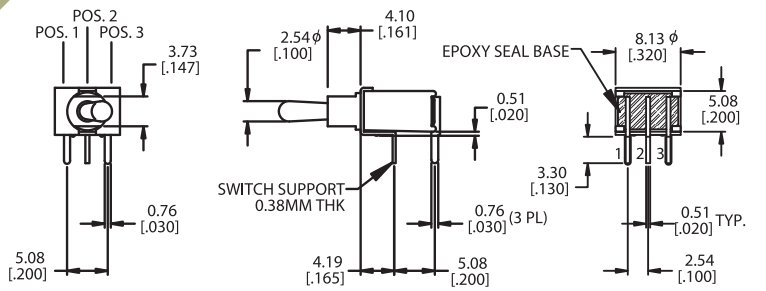
SERIES 200A SWITCHES

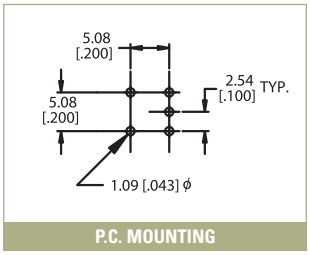
TOGGLE SWITCHES - SUB-MINIATURE

M6

SPDT

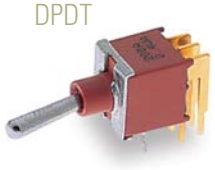


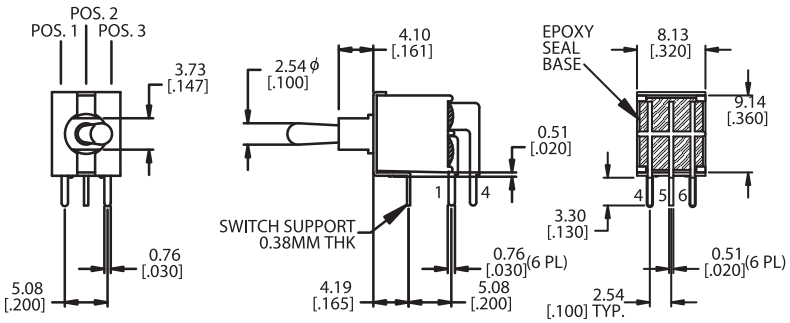


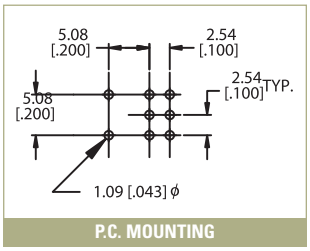


M6

DPDT

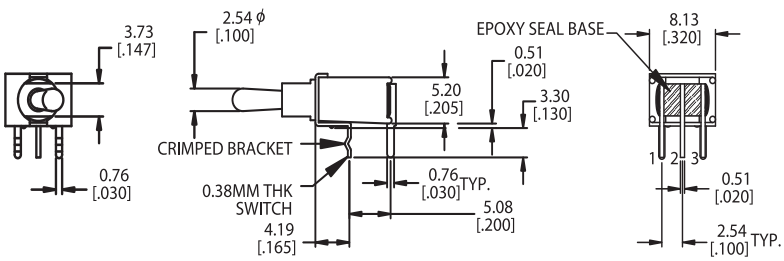


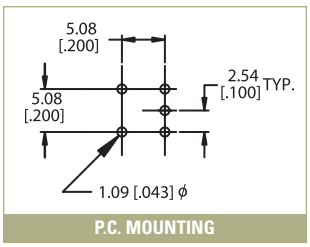




M61

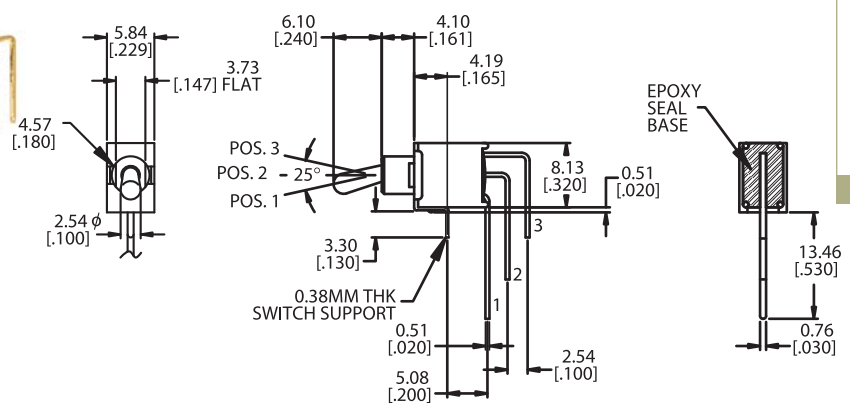
SPDT
SNAP-IN BRACKET

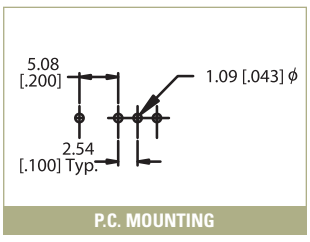




M7

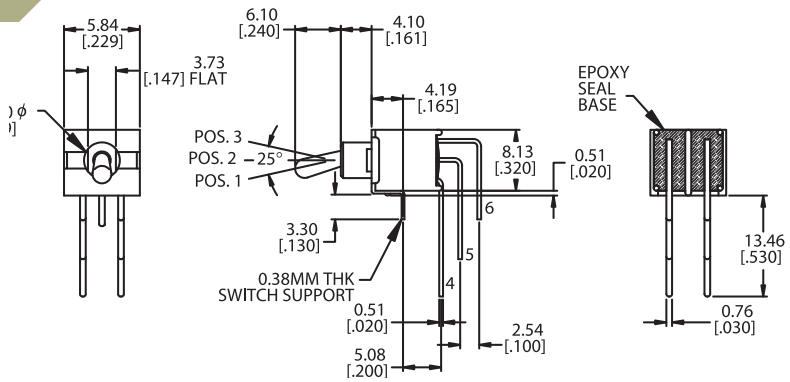
SPDT

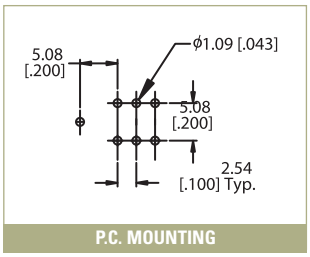




M7

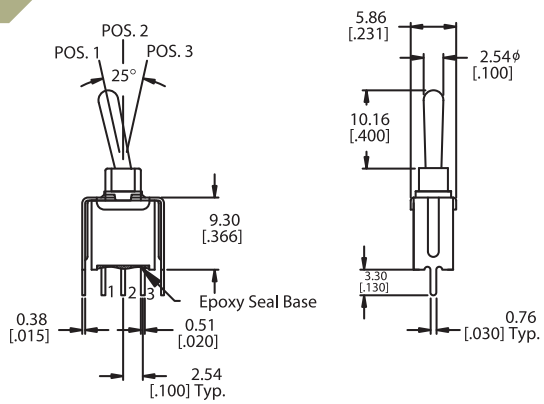
DPDT

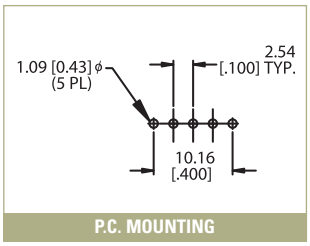




VS2

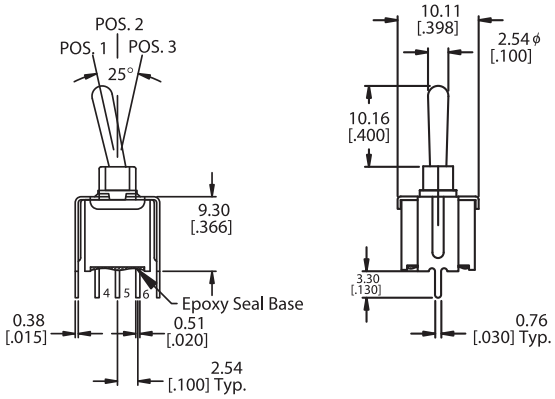
SPDT

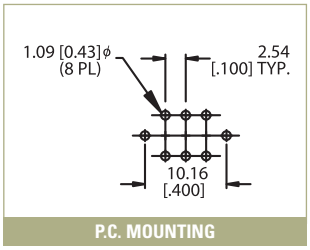




VS2

DPDT





CONTACT MATERIAL OPTIONS

Q

Fixed Terminal:	Silver plated copper alloy
Moving Contact:	Silver plated copper alloy
Rating:	3 Amps @ 120VAC or 28VDC; 1 Amp @ 250VAC

R

Fixed Terminal:	Copper alloy with gold plate over nickel plate
Moving Contact:	Copper alloy with gold plate over nickel plate
Rating:	0.4 Volt-Amps (VA) max. @ 20V max. (AC or DC)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

E-Switch:

200AWMSP2T1A1M2RE 200AWMSP1T1A1M2RE 200AWMSP3T1A1M2RE 200AWMSP2T2A1M6RE
200AWMDP3T1A1M2RE 200AWMDP1T1A1M2RE 200AWMSP1T2A1M6RE 200AWMSP3T2A1M6RE
200AWMDP3T2A1M6RE 200AWMDP1T2A1M6RE 200AWMSP1T2A1VS2RE 200AWMSP1T2A1M2RE
200AWMDP1T1A1M7RE 200AWMDP1T2A1M2RE 200AWMDP1T2A1M6QE 200AWMDP2T1A1M6RE
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