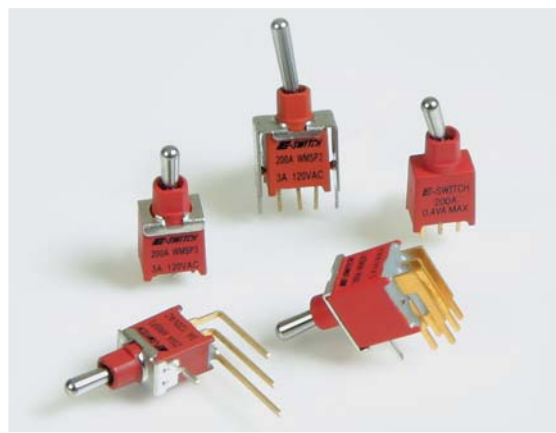


TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

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 mΩ typ. initial @ 2-4 VDC, 100 mA, for both silver and gold plated contacts
Insulation Resistance:	1,000 MΩ1min.
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	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

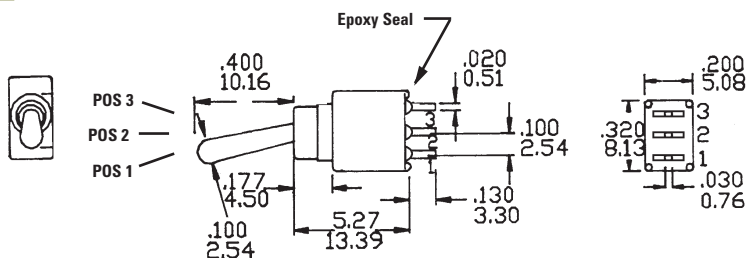
Specifications subject to change without notice.

SPDT



2 Comm.
1 3

SCHEMATIC

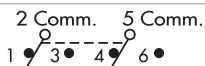


Model No.	POS 1	POS 2	POS 3
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2 - 3	OPEN	2 - 1
WMSP-6	OFF	NONE	ON
Term. Comm.	OPEN	NONE	3 - 1

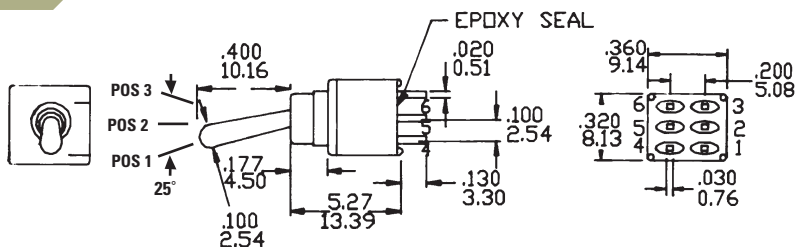
() = Momentary



DPDT



SCHEMATIC

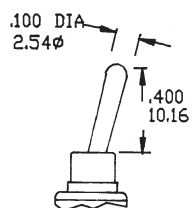


Model No.	POS 1	POS 2	POS 3
WMDP-1	ON	NONE	ON
WMDP-2	ON	NONE	(ON)
WMDP-3	ON	OFF	ON
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

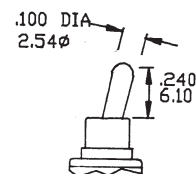
() = Momentary

ACTUATOR OPTIONS

T1

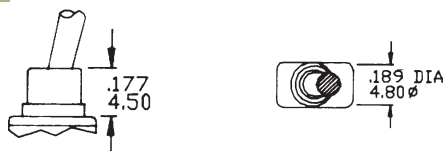


T2



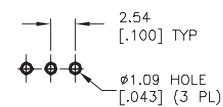
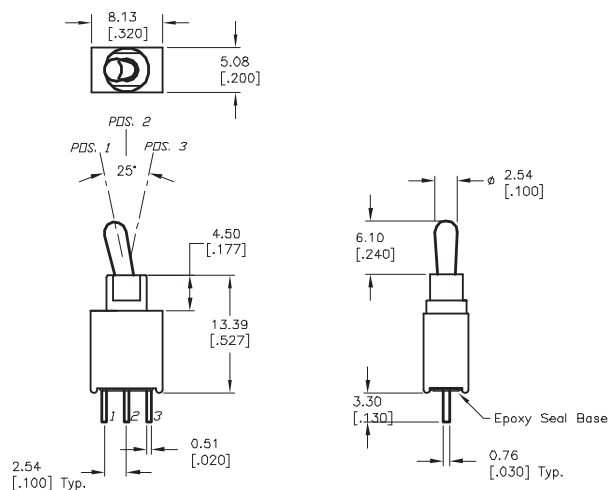
BUSHING OPTIONS

A1



TERMINATION OPTIONS

M2



P.C. MOUNTING

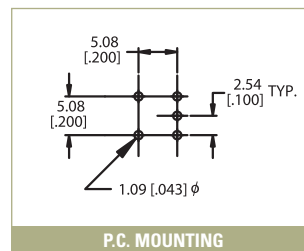
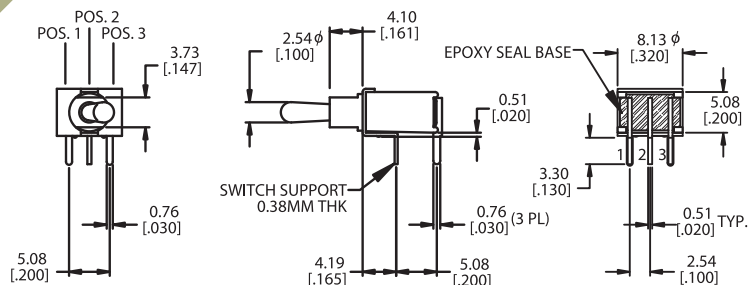
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES 200A SWITCHES

TOGGLE SWITCHES - SUB-MINIATURE

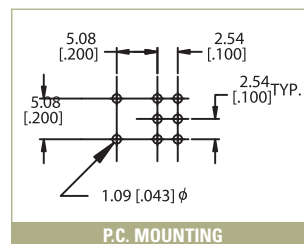
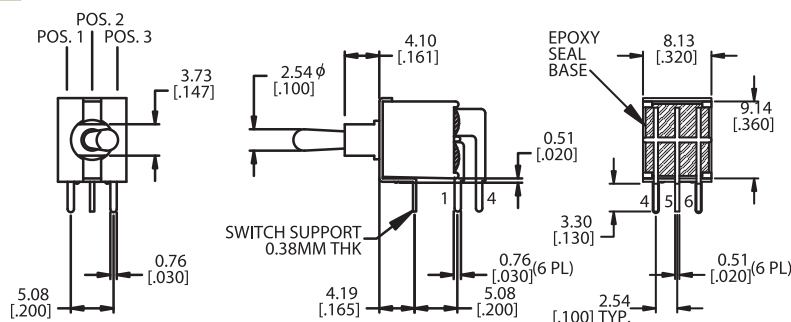
M6

SPDT



M6

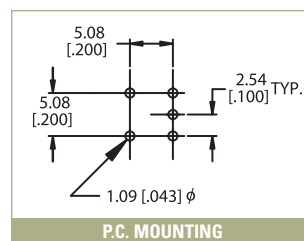
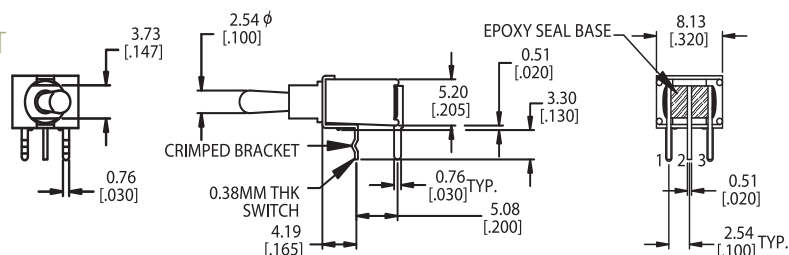
DPDT



M61

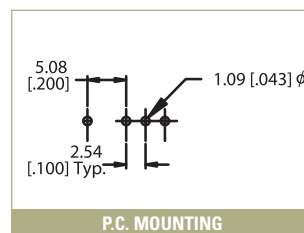
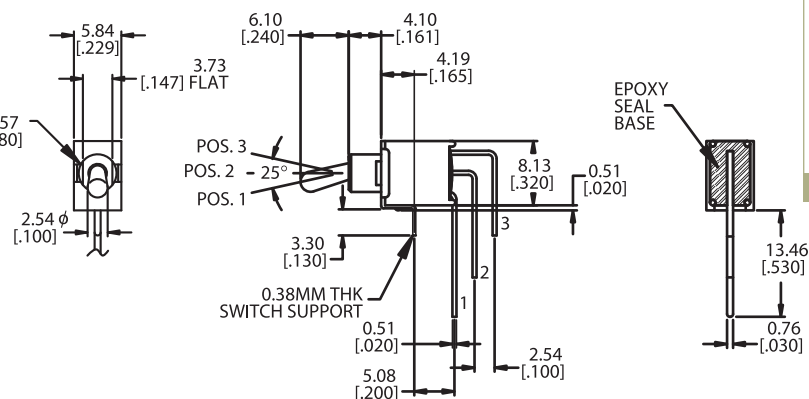
SPDT

SNAP-IN BRACKET



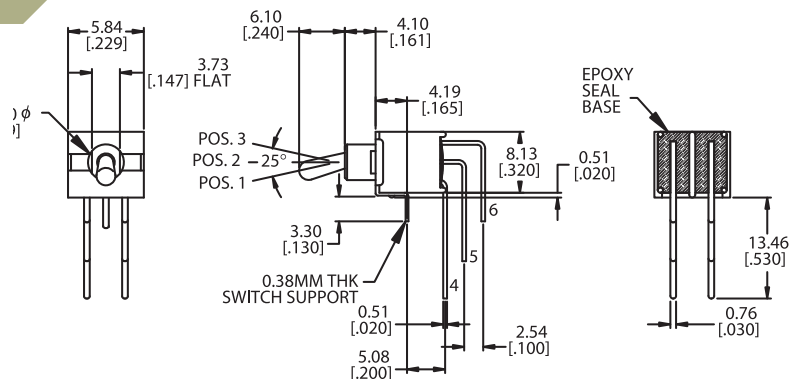
M7

SPDT



**M7**

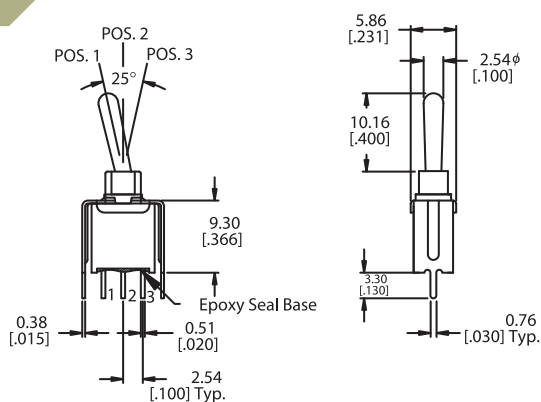
DPDT



P.C. MOUNTING

VS2

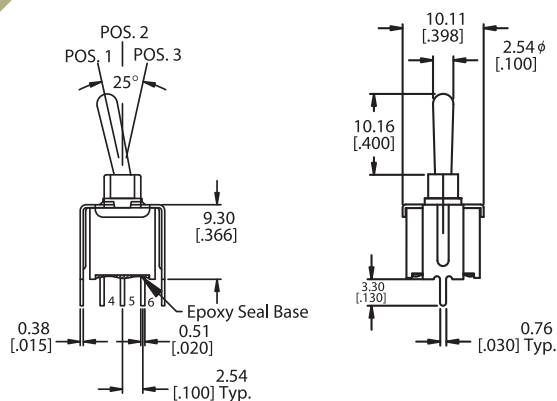
SPDT



P.C. MOUNTING

VS2

DPDT



P.C. MOUNTING

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:

<u>200AWMSP2T1A1M2RE</u>	<u>200AWMSP1T1A1M2RE</u>	<u>200AWMSP3T1A1M2RE</u>	<u>200AWMSP2T2A1M6RE</u>
<u>200AWMDP3T1A1M2RE</u>	<u>200AWMDP1T1A1M2RE</u>	<u>200AWMSP1T2A1M6RE</u>	<u>200AWMSP3T2A1M6RE</u>
<u>200AWMDP3T2A1M6RE</u>	<u>200AWMDP1T2A1M6RE</u>	<u>200AWMSP1T2A1VS2RE</u>	<u>200AWMSP1T2A1M2RE</u>
<u>200AWMDP1T1A1M7RE</u>	<u>200AWMDP1T2A1M2RE</u>	<u>200AWMDP1T2A1M6QE</u>	<u>200AWMDP2T1A1M6RE</u>
<u>200AWMSP1T1A1M61RE</u>	<u>200AWMSP1T1A1M6QE</u>	<u>200AWMSP1T1A1M7RE</u>	<u>200AWMSP1T2A1M61RE</u>
<u>200AWMSP1T2A1M7QE</u>	<u>200AWMSP1T2A1M7RE</u>	<u>200AWMSP2T1A1VS2QE</u>	<u>200AWMSP2T2A1M2RE</u>
<u>200AWMSP3T1A1M2QE</u>	<u>200AWMSP3T1A1M61RE</u>	<u>200AWMSP3T2A1M2QE</u>	<u>200AWMSP3T2A1M2RE</u>
<u>200AWMSP3T2A1M7QE</u>	<u>200AWMSP3T2A1M7RE</u>	<u>200AWMSP4T1A1M2QE</u>	<u>200AWMSP4T1A1M7QE</u>
<u>200AWMSP4T2A1M2RE</u>	<u>200AWMSP4T2A1M6RE</u>	<u>200AWMSP4T2A1M7RE</u>	<u>200AWMSP5T1A1VS2RE</u>
<u>200AWMSP5T2A1M7RE</u>	<u>200AWMSP6T1A1M2QE</u>	<u>200AWMSP6T1A1VS21RE</u>	<u>200AWMDP1T2A1M7RE</u>
<u>200AWMDP3T1A1M2QE</u>	<u>200AWMSP1T1A1M2QE</u>	<u>200AWMSP1T1A1M6RE</u>	<u>200AWMSP1T1A1M7QE</u>
<u>200AWMSP1T2A1M2QE</u>	<u>200AWMSP1T2A1M6QE</u>	<u>200AWMSP1T2A1VS2QE</u>	<u>200AWMSP4T2A1M61RE</u>
<u>200AWMSP4T2A1M7QE</u>	<u>200AWMSP5T1A1M2QE</u>	<u>200AWMSP6T1A1M2RE</u>	<u>200AWMSP1T1A1VS2RE</u>
<u>200AWMDP1T1A1VS2QE</u>	<u>200AWMSP1T1A1VS2QE</u>	<u>200AWMDP1T1A1VS2RE</u>	<u>200AWMSP6T2A1M2RE</u>
<u>200AWMSP5T2A1M6RE</u>	<u>200AWMDP1T1A1M2QE</u>	<u>200AWMSP3T2A1VS2RE</u>	