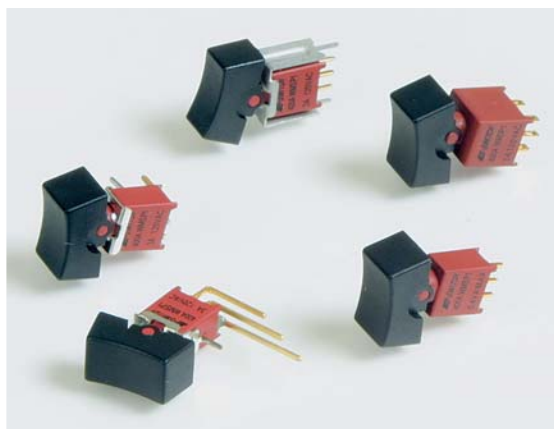




E-SWITCH®

SERIES 400A SWITCHES

ROCKER SWITCHES - SUB-MINIATURE



FEATURES & BENEFITS

- ▶ Variety of switching functions
- ▶ Sub-miniature
- ▶ Sealed to IP67

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Instrumentation
- ▶ Test equipment
- ▶ Networking
- ▶ Computer peripherals

SPECIFICATIONS

Contact Rating:	See contact material options
Life Expectancy:	30,000 make-and-break cycles at full load
Contact Resistance:	10 mΩ typ. initial @ 2-4 V DC, 100 mA for both silver and gold plated contacts
Insulation Resistance:	1,000 MΩ min
Dielectric Strength:	1,000 V RMS @ sea level
Operating Temperature:	-30° C to 85° C

MATERIALS

Housing:	Glass filled nylon, flame retardant, heat stabilized (UL 94-V0)
Actuator:	Nylon, black std. (UL94-HB)
Actuator Seal:	Internal O-Ring
Switch Support:	Brass or steel, tin plated
Actuator Pivot & Mounting Bracket:	Nylon (UL94-HB)
Actuator Pivot Retainer:	Stainless steel
Contacts / Terminals:	Silver or gold plated copper alloy
Terminal Seal:	Epoxy

HOW TO ORDER

SERIES 400A	MODEL NO.	ACTUATOR	ACTUATOR COLOR	TERMINATION	CONTACT MATERIAL	SEAL E
	WMSP1 WMSP2 WMSP3 WMSP4 WMSP5 WMDP1 WMDP2 WMDP3	R1 = Std.	BLK =Black WHT=White RED =Red	M1 M2 M6 M7 VS2 M61 M71 VS21	Q = Silver R = Gold	E = Epoxy Sealed at Base of Terminal

Example Ordering Number

400A-WMSP3-R1-BLK-M1-Q-E

Specifications subject to change without notice.

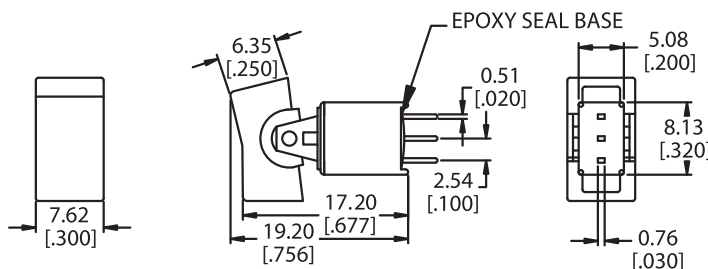
SPDT



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

() = Momentary

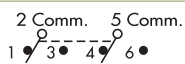
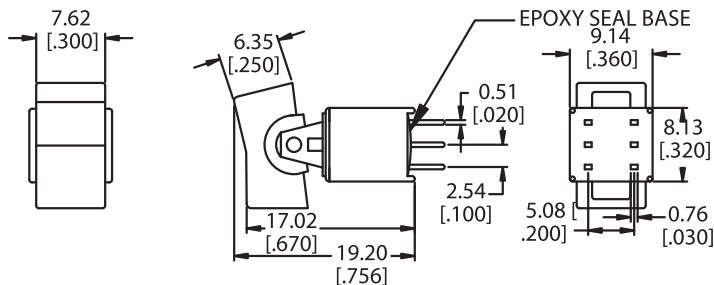


SERIES 400A SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

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

DPDT



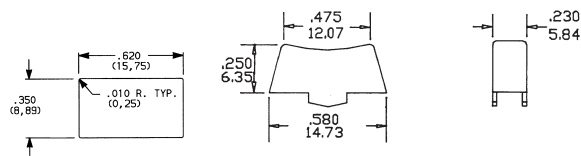
SCHEMATIC

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

() = Momentary

ACTUATOR OPTIONS

R1



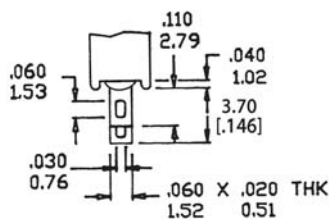
TERMINATION OPTIONS

M1

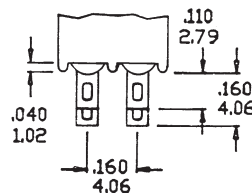
SOLDER LUG



Single Pole



Double Pole

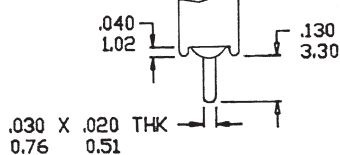


M2

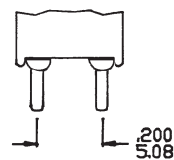
P.C. MOUNT



Single Pole

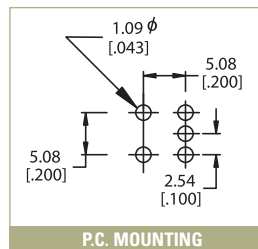
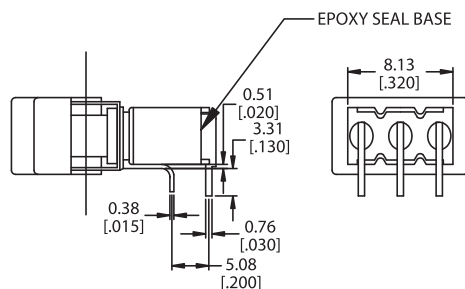
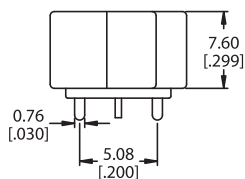


Double Pole



**M6**

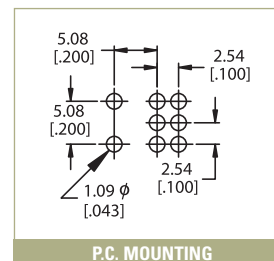
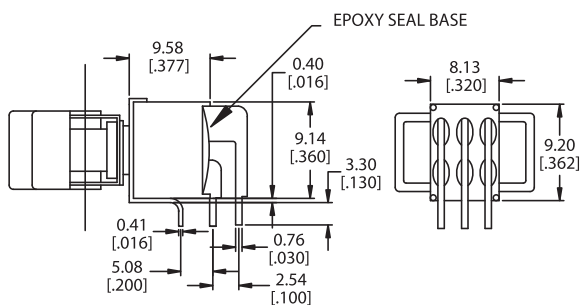
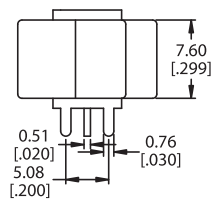
SPDT

**Single Pole**

P.C. MOUNTING

M6

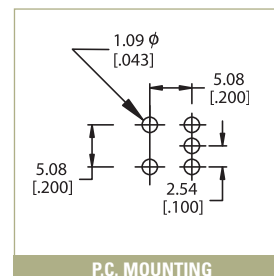
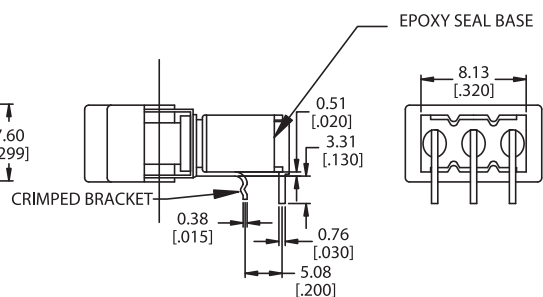
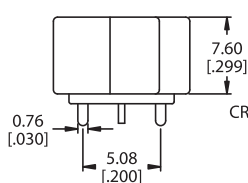
DPDT

**Double Pole**

P.C. MOUNTING

M61

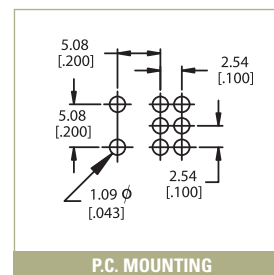
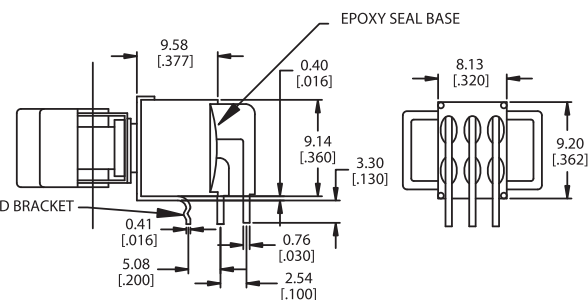
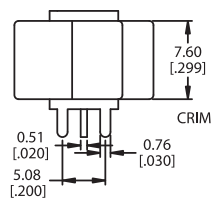
SPDT

**Single Pole**

P.C. MOUNTING

M61

DPDT

**Double Pole**

P.C. MOUNTING

M61 Termination includes
crimped bracket

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



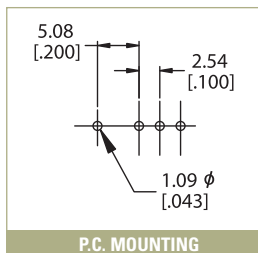
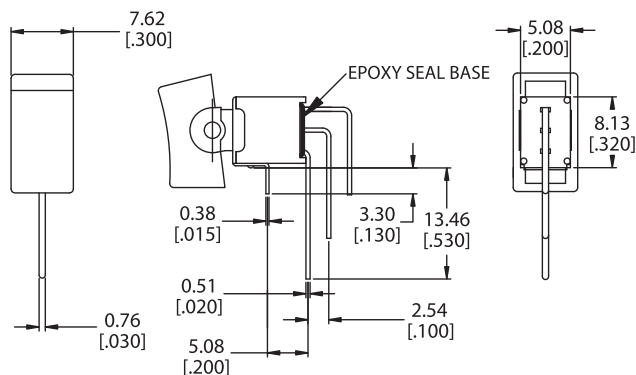
SERIES 400A SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

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

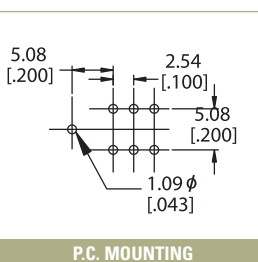
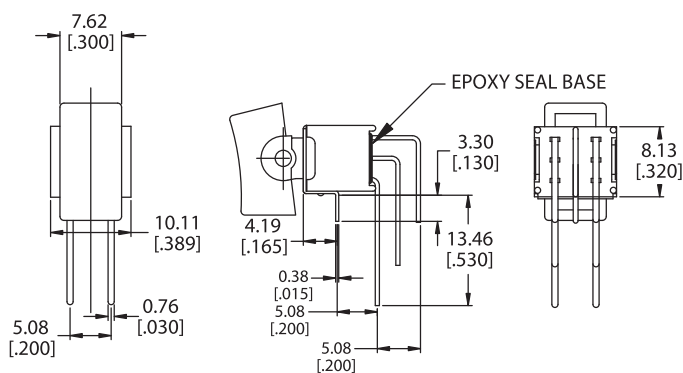
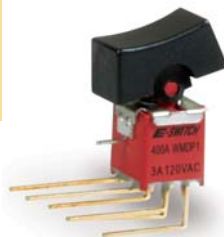
M7

SPDT



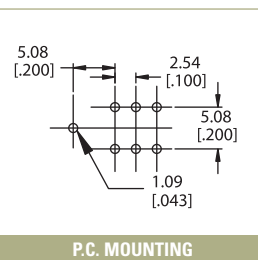
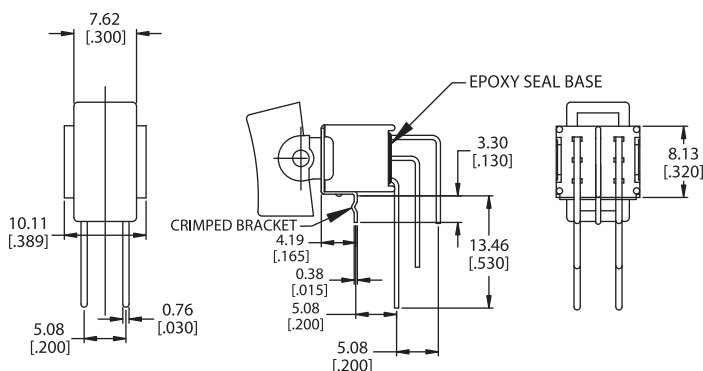
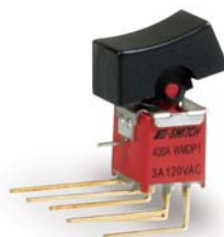
M7

DPDT



M71

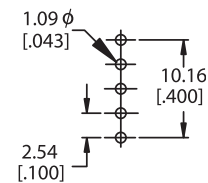
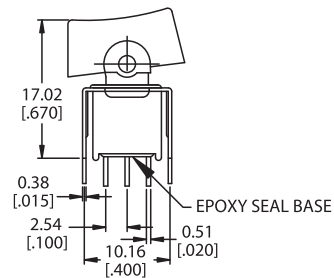
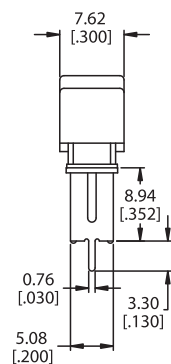
DPDT



M71 Termination includes crimped bracket

**VS2**

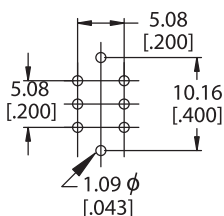
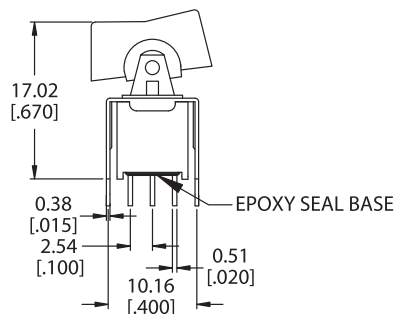
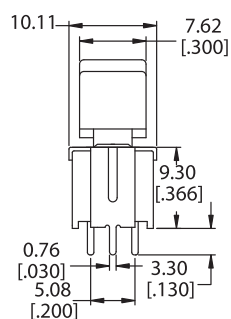
SPDT



P.C. MOUNTING

VS2

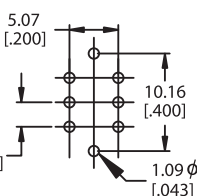
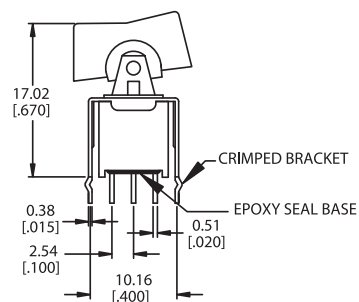
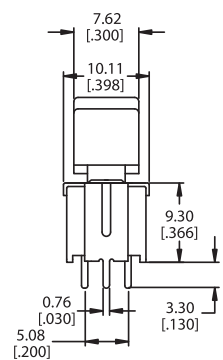
DPDT



P.C. MOUNTING

VS21

DPDT



P.C. MOUNTING

CONTACT MATERIAL OPTIONS**Q**

Fixed Terminal:	Silver plated copper alloy
Moving Contact:	Silver plated copper alloy
Rating:	3 AMPS @ 120 VAC or 28 VDC; 1.0 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 VA max. @ 20 VAC or DC max.