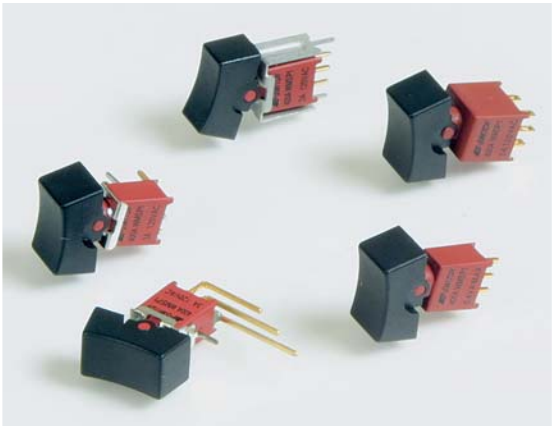
SERIES 400A SWITCHES

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 m□1typ. initial @ 2-4 V DC, 100 mA for both silver and gold plated contacts
Insulation Resistance:	1,000 M□1min
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

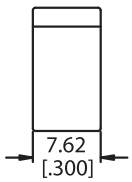
SERIES	MODEL NO.	ACTUATOR	ACTUATOR COLOR	TERMINATION	CONTACT MATERIAL	SEAL
400A	WMSP1 WMSP2 WMSP3 WMSP4 WMSP5 WMDP1 WMDP2 WMDP3	R1 = Std.	BLK =Black WHT=White RED =Red	M1 M2 M6 M7 VS2 M61 M71 VS21	Q = Silver R = Gold	E = Epoxy Sealed at Base of Terminal

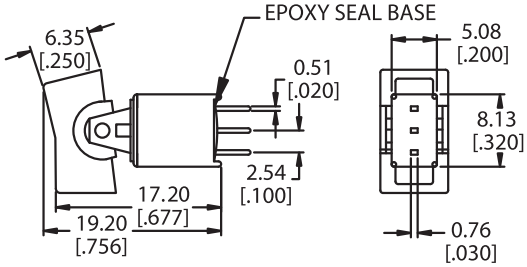
Example Ordering Number

400A–WMSP3–R1–BLK–M1–Q–E

Specifications subject to change without notice.

SPDT





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

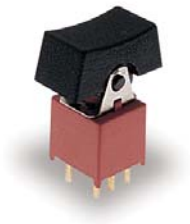
( ) = Momentary

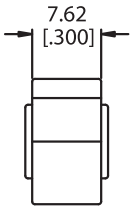
SCHEMATIC

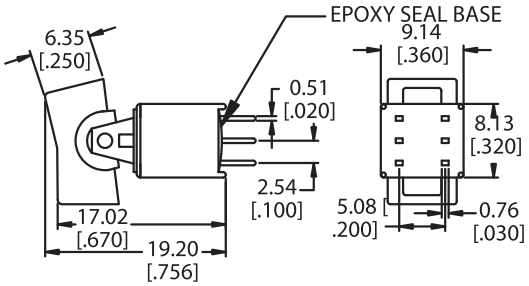
SERIES 400A SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

DPDT

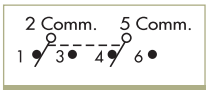






Model No.	POS 1	POS 2	POS 3
WMDP-1	ON	NONE	ON
WMDP-2	ON	NONE	(ON)
WMDP-3	ON	OFF	ON
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

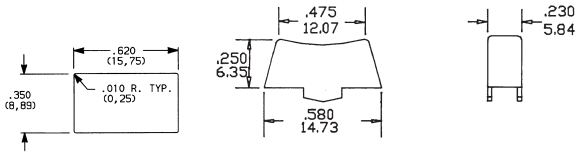
( ) = Momentary



SCHEMATIC

ACTUATOR OPTIONS

R1

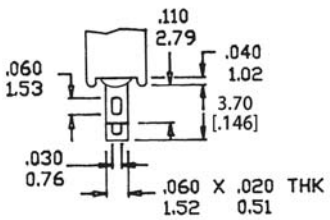


TERMINATION OPTIONS

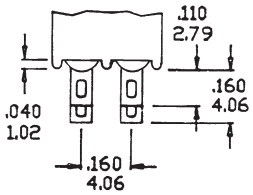
M1

SOLDER LUG

Single Pole



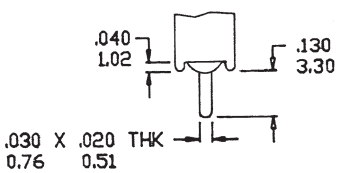
Double Pole



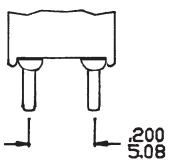
M2

P.C. MOUNT

Single Pole



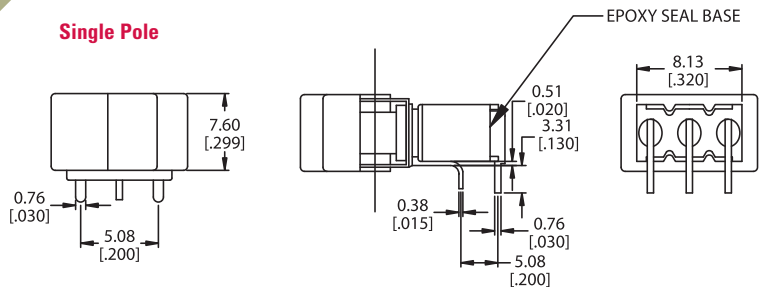
Double Pole

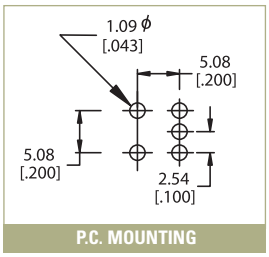


M6

SPDT

Single Pole



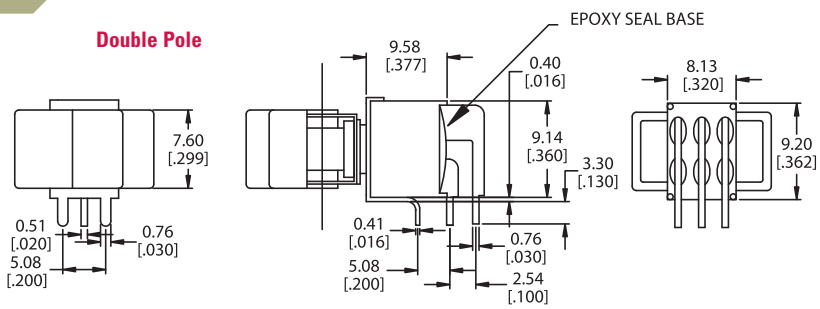


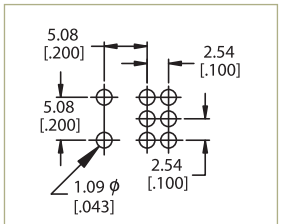
P.C. MOUNTING

M6

DPDT

Double Pole



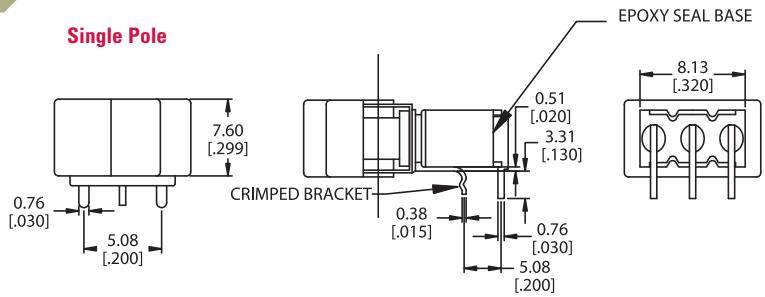


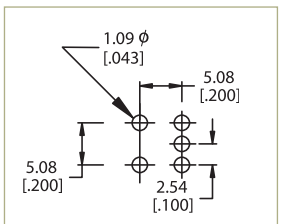
P.C. MOUNTING

M61

SPDT

Single Pole



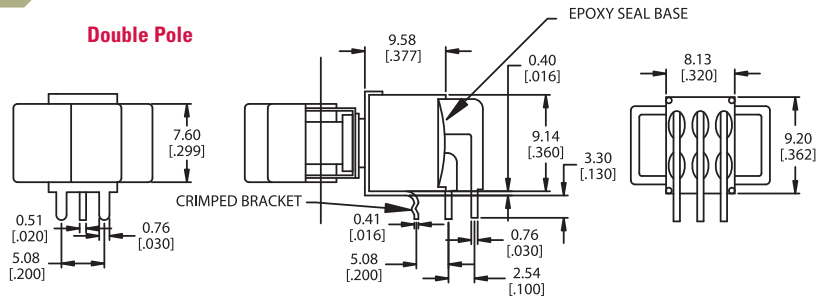


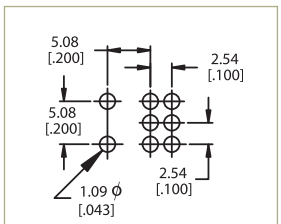
P.C. MOUNTING

M61

DPDT

Double Pole





P.C. MOUNTING

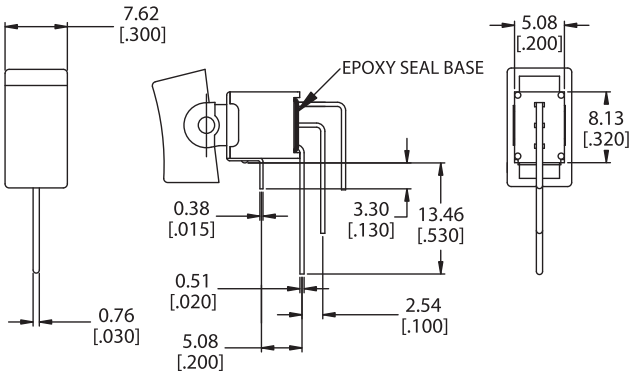
M61 Termination includes crimped bracket

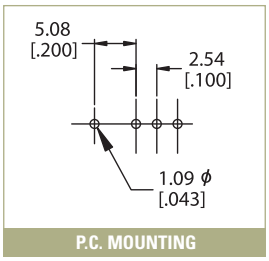
SERIES 400A SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

M7

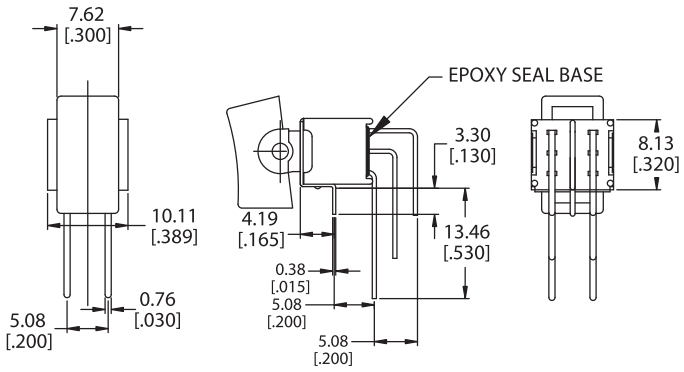
SPDT

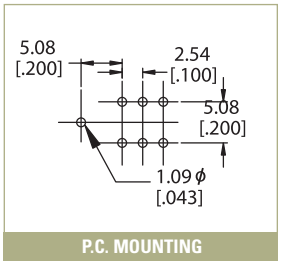




M7

DPDT

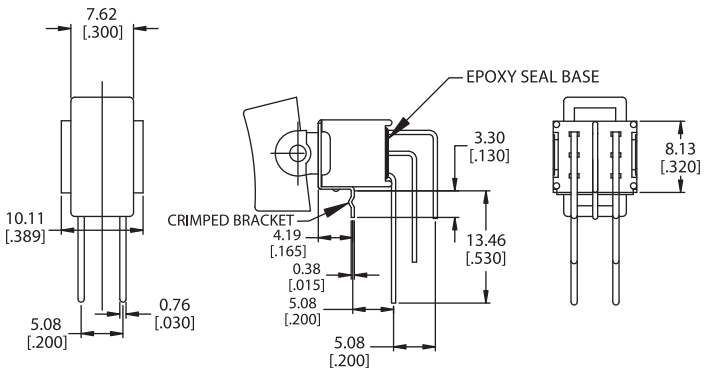


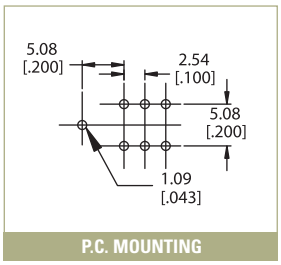


M71

DPDT

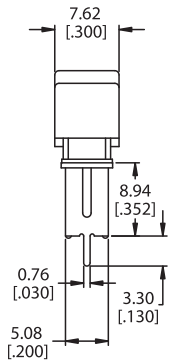
M71 Termination includes crimped bracket

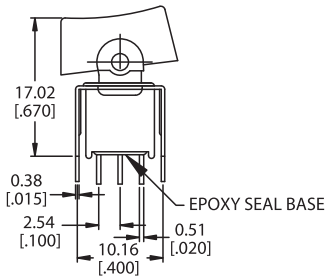


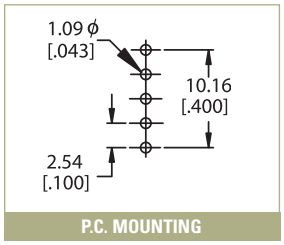


VS2

SPDT



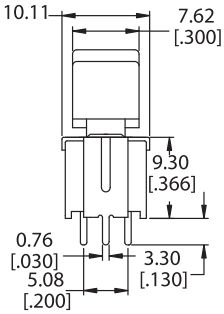


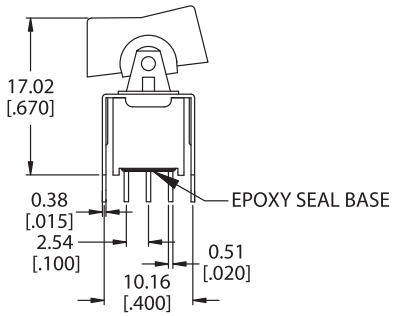


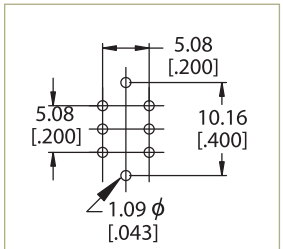
P.C. MOUNTING

VS2

DPDT



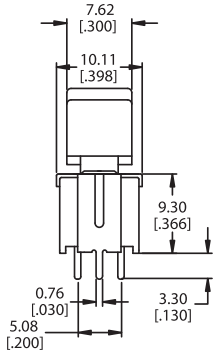


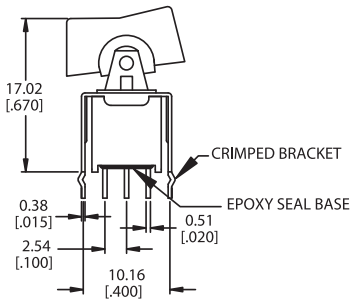


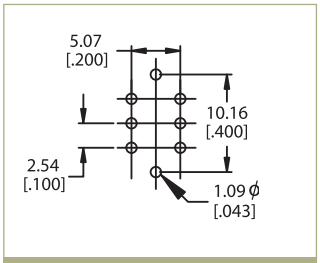
P.C. MOUNTING

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.

Mouser Electronics

Authorized Distributor

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

E-Switch:

400AWMDP1R1BLKM6QE 400AWMDP1R1M2QE 400AWMDP1R1BLKM6RE 400AWMDP1R1BLKM7QE 400AWMDP1R1BLKVS2RE 400AWMDP1R1M6QE 400AWMDP3R1M1QE 400AWMDP3R1M2QE 400AWMDP3R1M6RE 400AWMSP1R1BLKM1QE 400AWMSP1R1BLKM1RE 400AWMSP1R1BLKM2QE 400AWMSP1R1BLKM6QE 400AWMSP1R1BLKM6RE 400AWMSP1R1BLKM7RE 400AWMSP1R1BLKVS2RE 400AWMSP1R1M7QE 400AWMSP1R1M7RE 400AWMSP1R1REDM1QE 400AWMSP1R1VS2QE 400AWMSP2R1BLKM6QE 400AWMSP2R1BLKM6RE 400AWMSP3R1BLKM6QE 400AWMSP3R1M1QE 400AWMSP3R1M7QE 400AWMSP4R1BLKM1QE 400AWMSP4R1BLKM2QE 400AWMSP4R1BLKM6QE 400AWMSP4R1BLKM6RE 400AWMSP1R1BLKM7QE