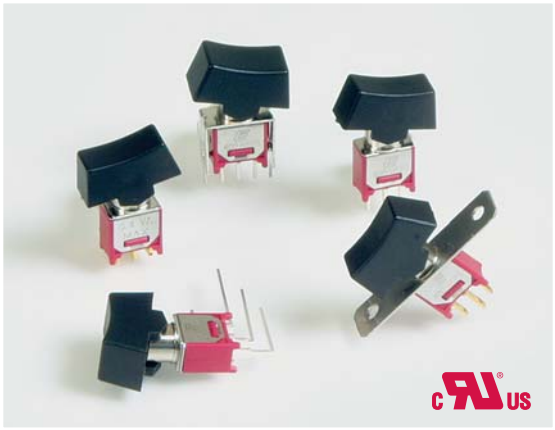


SERIES 400 SWITCHES

ROCKER SWITCHES - SUB-MINIATURE



FEATURES & BENEFITS

- Variety of switching functions
- Sub-miniature
- Multiple actuator options

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:	20 mΩ max. typical initial @ 2-4 VDC 100 mA for 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

Case:	Diallyl phthalate (DAP) or glass filled nylon, flame retardant, heat stabilized (UL 94-V0)
Rocker:	Nylon
Bushing:	Brass, nickel plated
Housing:	Stainless steel
Terminal/Switch Support:	Brass, or steel tin plated
Contacts / Terminals:	Silver or gold plated copper alloy

HOW TO ORDER

SERIES	MODEL NO.	ACTUATOR	ACTUATOR COLOR	TERMINATION	CONTACT MATERIAL	SEAL
400	MSP1 MSP2 MSP3 MSP4 MSP5 MSP6*** MDP1 MDP2 MDP3	R1* R6**	BLK =Black WHT=White RED =Red	M1 M2 M6 M61 M7 M71 VS2 VS21	Q = Silver R = Gold	E = Epoxy Sealed at Base of Terminal

* Std. all models except SPDT with M6 + M61 terminations.

** Std. on SPDT models with M6 + M61 terminations.

*** Not available with M6 terminations.

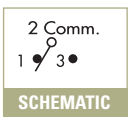
Example Ordering Number

400–MSP1–R6–BLK–M6–R–E

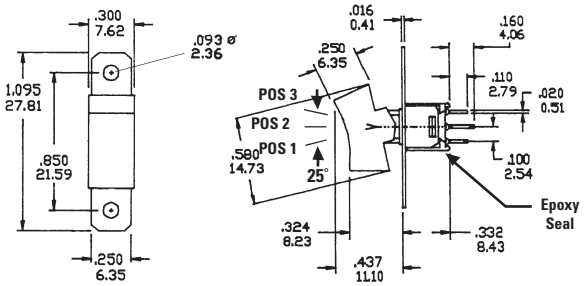
Specifications subject to change without notice.

SPDT





SCHEMATIC

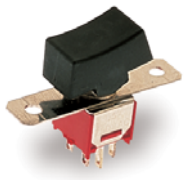


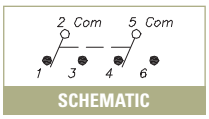
Model No.	POS 1	POS 2	POS 3
MSP-1	ON	NONE	ON
MSP-2	ON	NONE	(ON)
MSP-3	ON	OFF	ON
MSP-4	(ON)	OFF	(ON)
MSP-5	ON	OFF	(ON)
MSP-6	OFF	NONE	ON
Term. Comm.	2-3	OPEN	2-1

( ) = Momentary

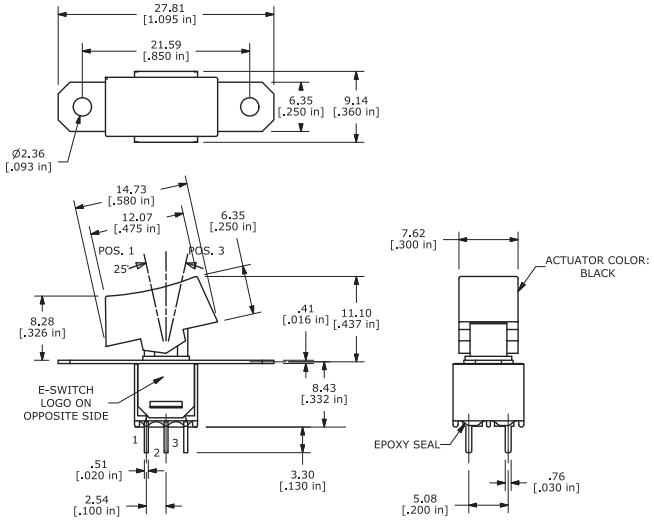
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DPDT





SCHEMATIC

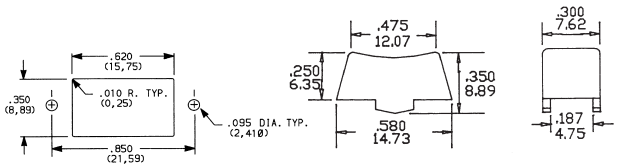


Model No.	POS 1	POS 2	POS 3
MDP-1	ON	NONE	ON
MDP-2	ON	NONE	(ON)
MDP-3	ON	OFF	ON
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

( ) = Momentary

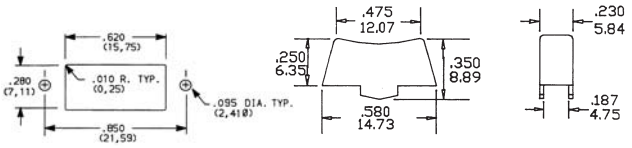
ACTUATOR OPTIONS

R1



Std. all models except SPDT with M6 terminations.

R6



Std. on SPDT models with M6 terminations.

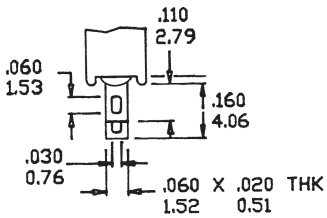
TERMINATION OPTIONS

M1

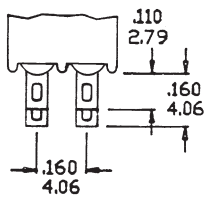
SOLDER LUG



Single Pole



Double Pole

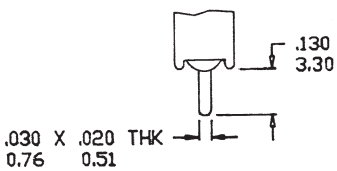


M2

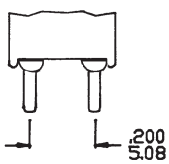
P.C. MOUNT



Single Pole



Double Pole



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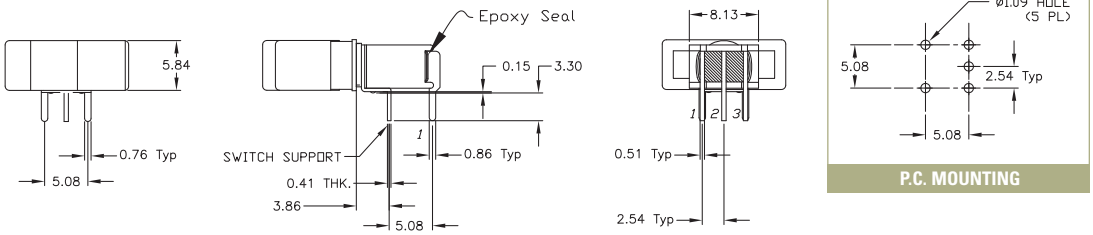
SERIES 400 SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

M6

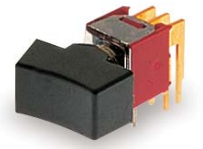
SPDT

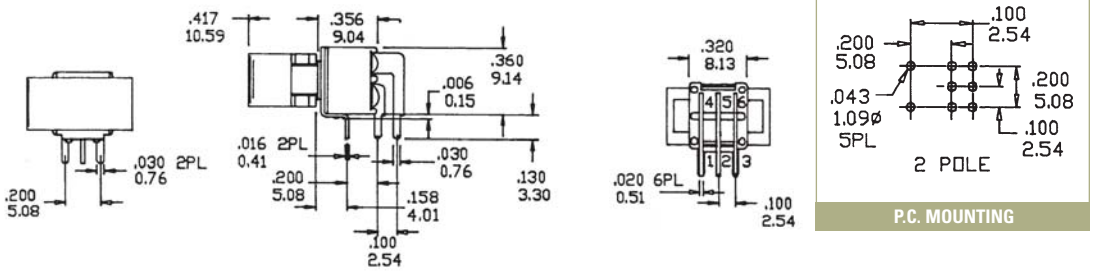




M6

DPDT

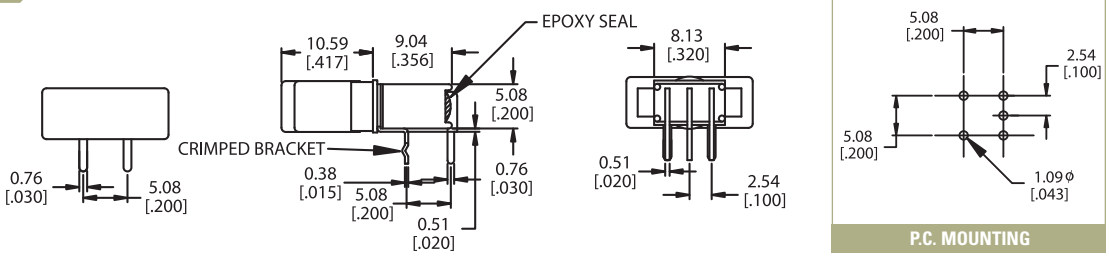




M61

SPDT

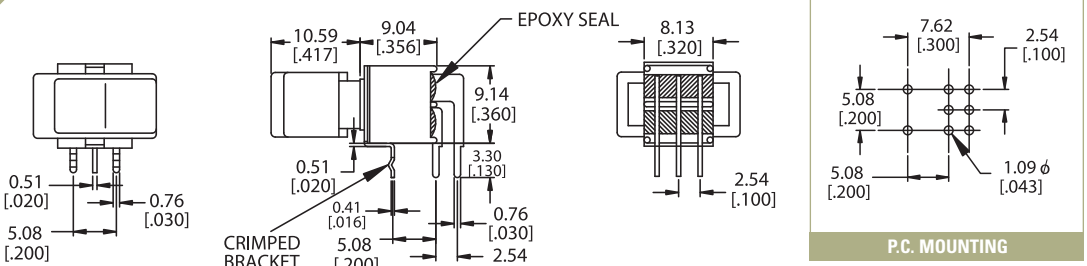




M61

DPDT





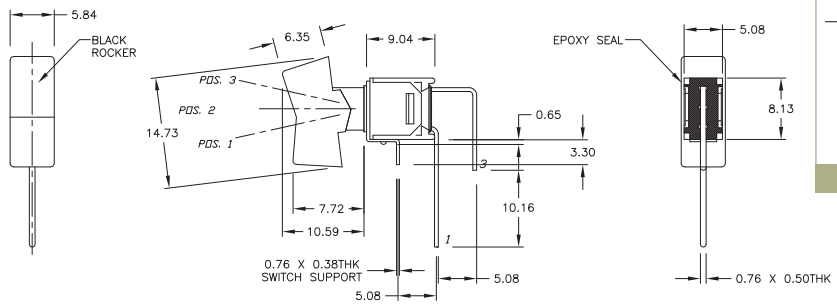
E•SWITCH®
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M7

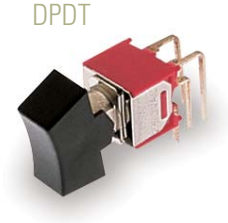
SPDT

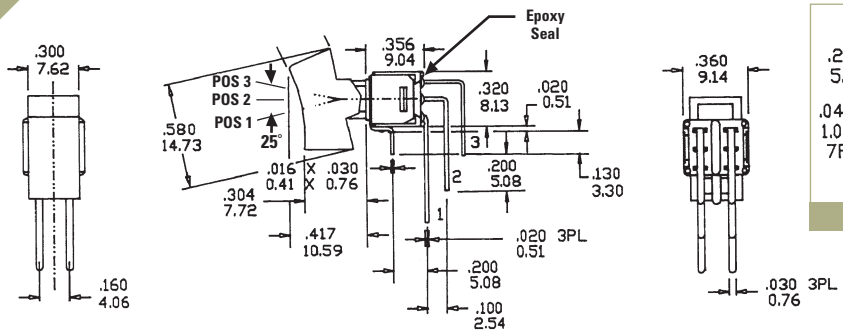




M7

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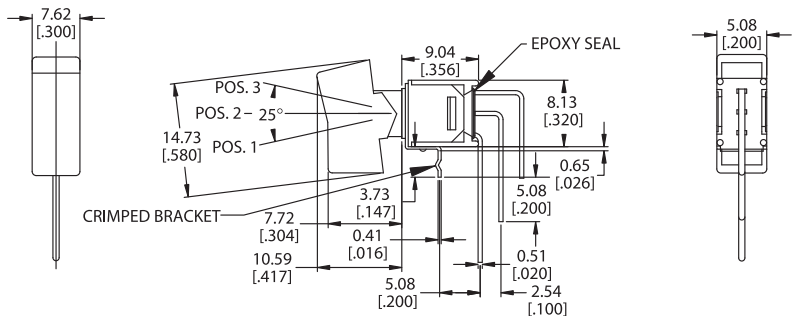




M71

SPDT





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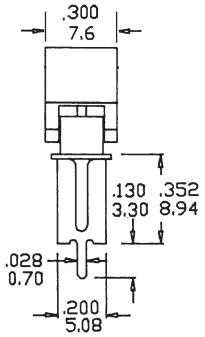
SERIES 400 SWITCHES

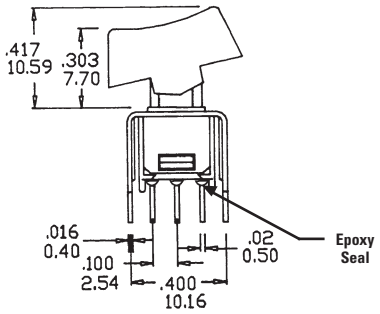
ROCKER SWITCHES - SUB-MINIATURE

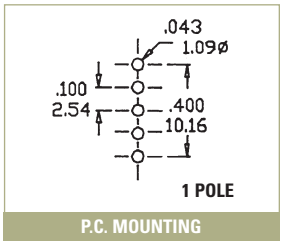
VS2

SPDT







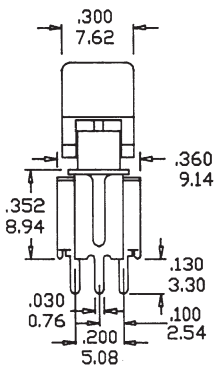


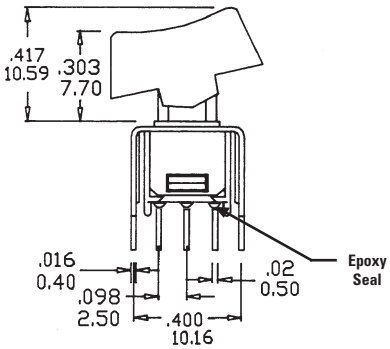
P.C. MOUNTING

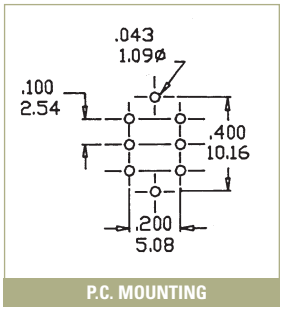
VS2

DPDT







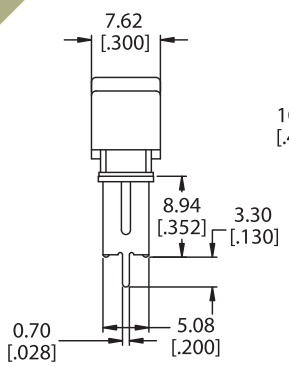


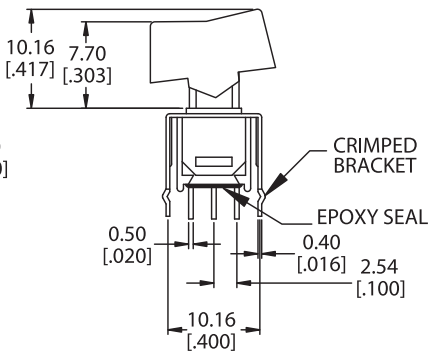
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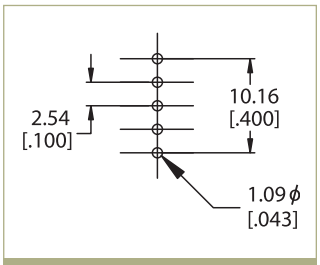
VS21

SPDT









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 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.

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