

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[E-Switch](#)
[400MSP1R1BLKM1QE](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

SERIES 400 SWITCHES

ROCKER SWITCHES - SUB-MINIATURE



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

FEATURES & BENEFITS

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

APPLICATIONS/MARKETS

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

HOW TO ORDER

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

* Silver, ** Gold, *** Silver

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

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

*** Not available with M6 terminations.

Specifications subject to change without notice.

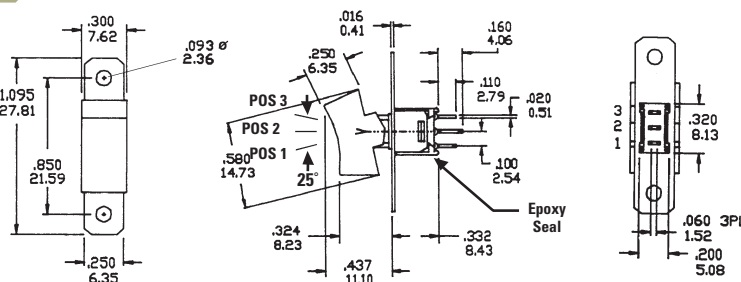
SPDT



2 Comm.

1 3

SCHEMATIC



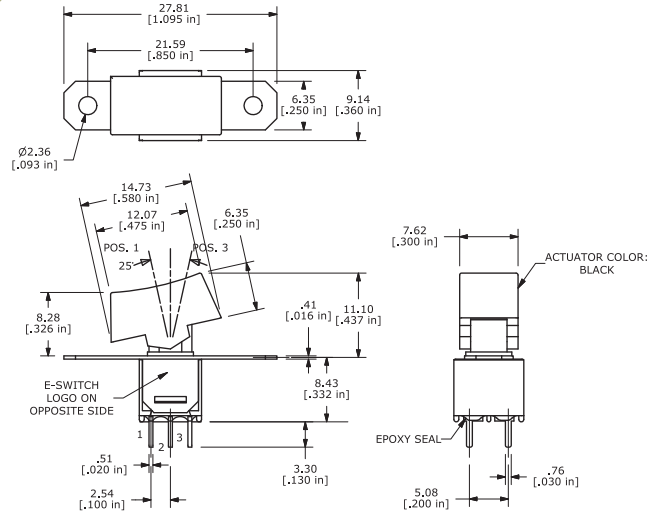
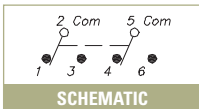
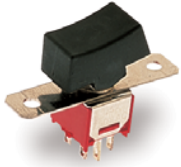
Model No.	POS 1 	POS 2 	POS 3 
MSP-1	ON	NONE	ON
MSP-2	ON	NONE	(ON)
MSP-3	ON	OFF	ON
MSP-4	(ON)	OFF	(ON)
MSP-5	ON	OFF	(ON)
MSP-6	OFF	NONE	ON
Term. Comm.	2-3	OPEN	2-1

() = Momentary



E-SWITCH®

DPDT

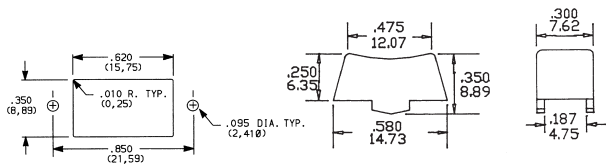


Model No.	POS 1	POS 2	POS 3
MDP-1	ON	NONE	ON
MDP-2	ON	NONE	(ON)
MDP-3	ON	OFF	ON
Term. Comm.	2-3, 5-6	OPEN	2-1, 5-4

() = Momentary

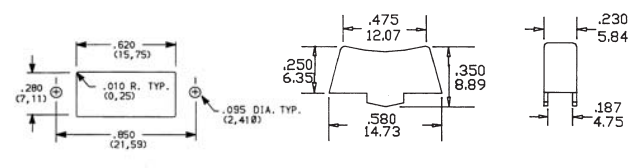
ACTUATOR OPTIONS

R1



Std. all models except SPDT with M6 terminations.

R6



Std. on SPDT models with M6 terminations.

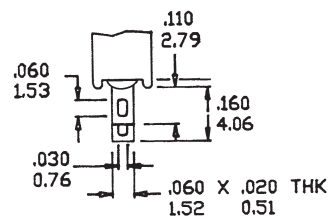
TERMINATION OPTIONS

M1

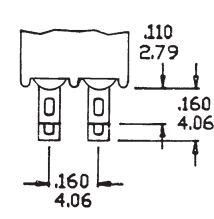
SOLDER LUG



Single Pole



Double Pole

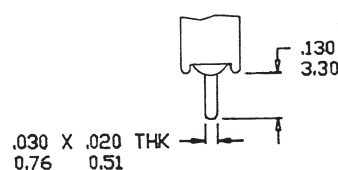


M2

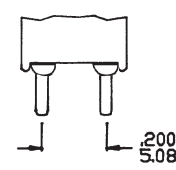
P.C. MOUNT



Single Pole



Double Pole



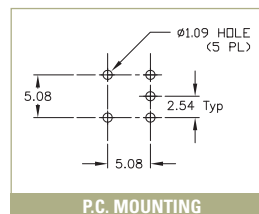
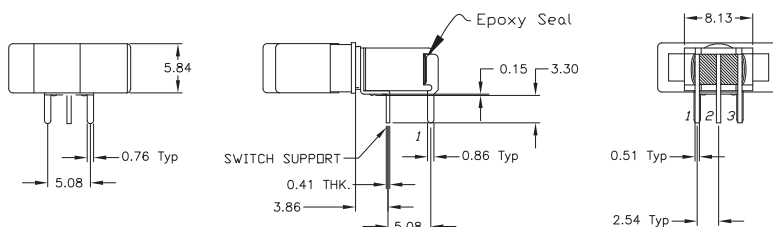


SERIES 400 SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

M6

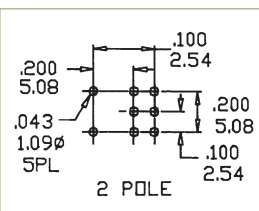
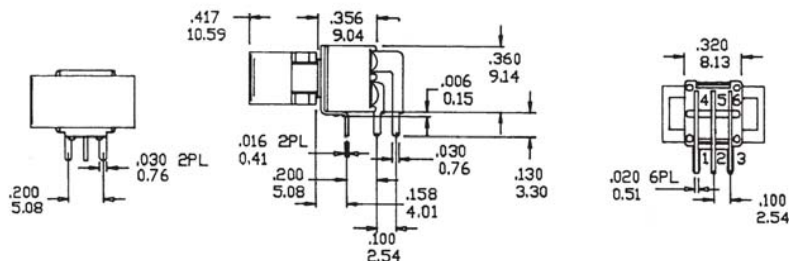
SPDT



P.C. MOUNTING

M6

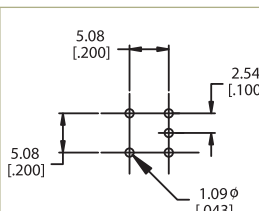
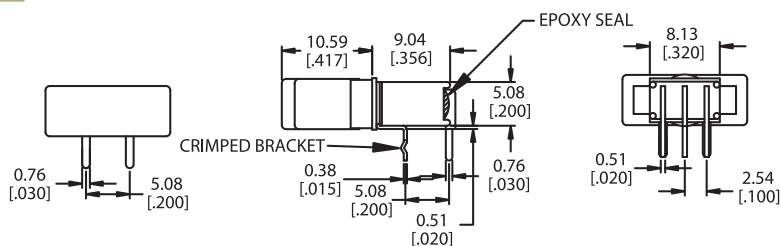
DPDT



P.C. MOUNTING

M61

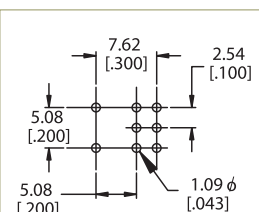
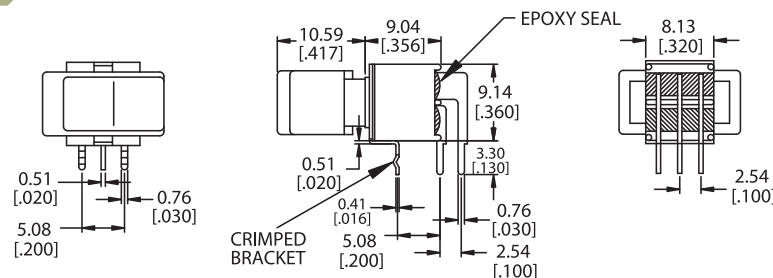
SPDT



P.C. MOUNTING

M61

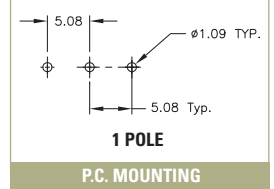
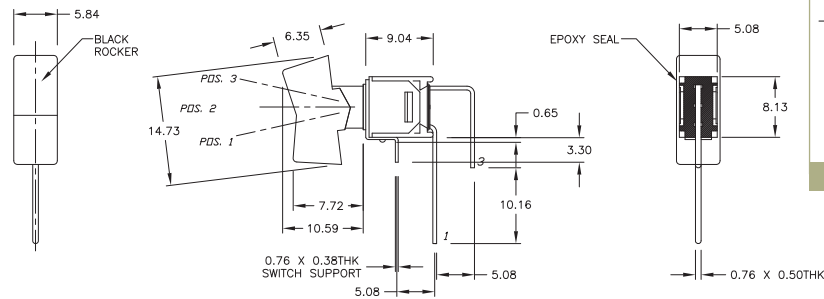
DPDT



P.C. MOUNTING

M7

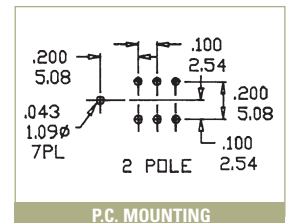
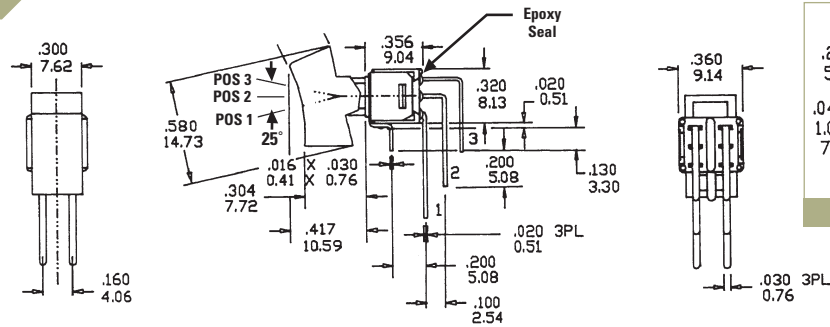
SPDT



P.C. MOUNTING

M7

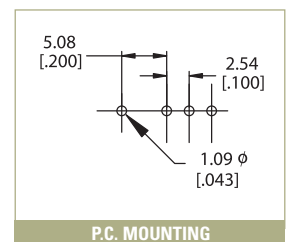
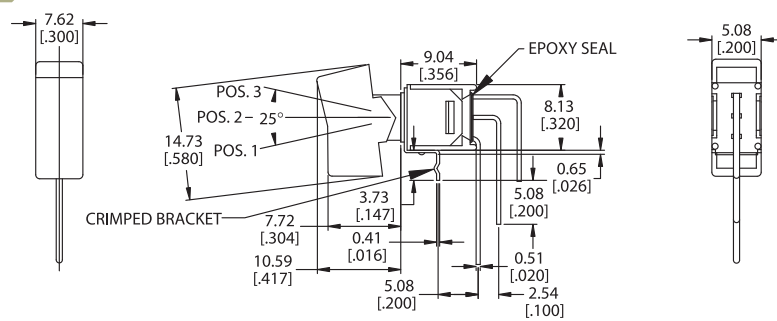
DPDT



P.C. MOUNTING

M71

SPDT



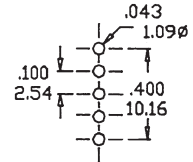
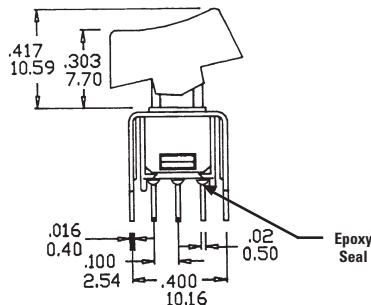
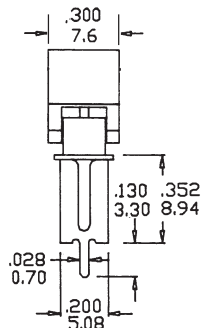
P.C. MOUNTING

SERIES 400 SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

VS2

SPDT

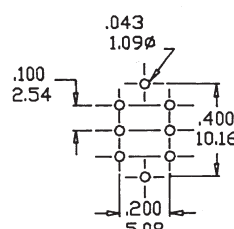
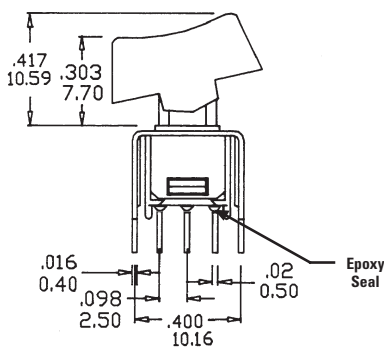
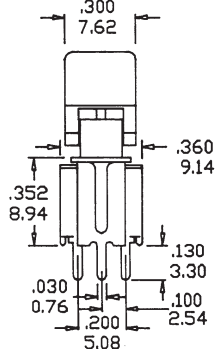


1 POLE

P.C. MOUNTING

VS2

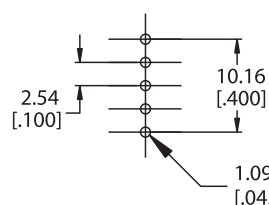
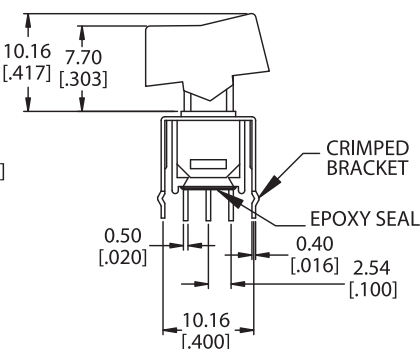
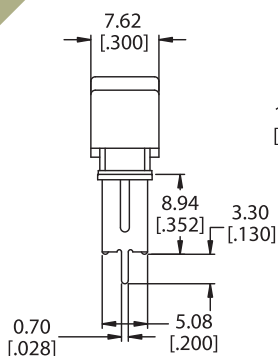
DPDT



P.C. MOUNTING

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.