

SERIES 400 SWITCHES

ROCKER SWITCHES - SUB-MINIATURE

TACT SWITCHES

NAVIGATION SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

ROCKER SWITCHES

SLIDE SWITCHES

SNAP-ACTION SWITCHES

DIP SWITCHES

KEYLOCK SWITCHES

ROTARY SWITCHES

DETECTOR SWITCHES

CAP OPTIONS



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 | □ □ □ □ □ | □ □ | □ □ □ | □ □ □ □ □ | □ | E |
| | MSP1 MSP2 MSP3 MSP4 MSP5 MSP6*** | 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 |

Example Ordering Number

400-MSP1-R6-BLK-M6-R-E

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

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

*** Not available with M6 terminations.

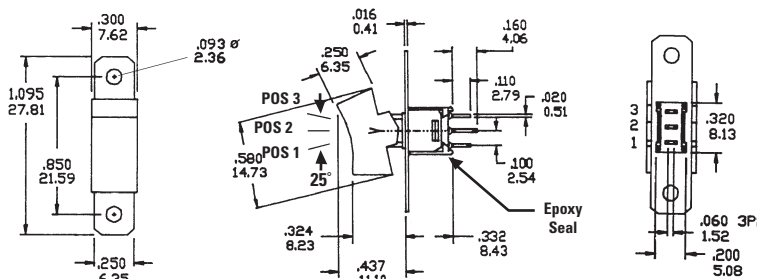
Specifications subject to change without notice.

SPDT



2 Comm.
1 3

SCHEMATIC

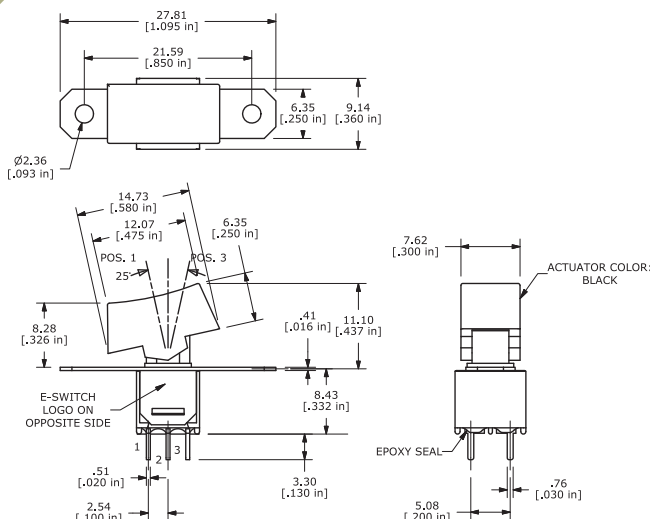
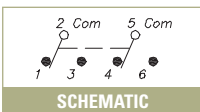


| Model No. | POS 1 | POS 2 | POS 3 |
|-------------|-------|-------|-------|
| MSP-1 | ON | NONE | ON |
| MSP-2 | ON | NONE | (ON) |
| MSP-3 | ON | OFF | ON |
| MSP-4 | (ON) | OFF | (ON) |
| MSP-5 | ON | OFF | (ON) |
| MSP-6 | OFF | NONE | ON |
| Term. Comm. | 2-3 | OPEN | 2-1 |

() = Momentary



DPDT

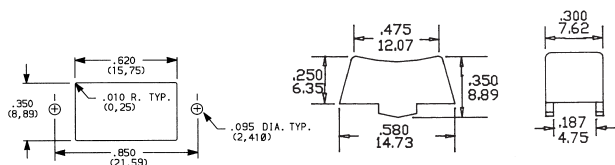


| Model No. | POS 1 | POS 2 | POS 3 |
|-------------|----------|-------|----------|
| MDP-1 | ON | NONE | ON |
| MDP-2 | ON | NONE | (ON) |
| MDP-3 | ON | OFF | ON |
| Term. Comm. | 2-3, 5-6 | OPEN | 2-1, 5-4 |

() = Momentary

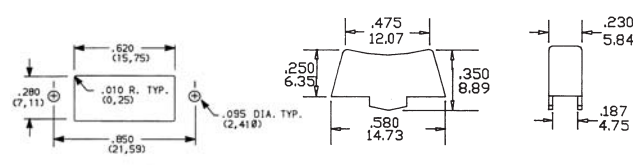
ACTUATOR OPTIONS

R1



Std. all models except SPDT with M6 terminations.

R6



Std. on SPDT models with M6 terminations.

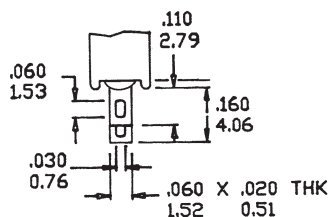
TERMINATION OPTIONS

M1

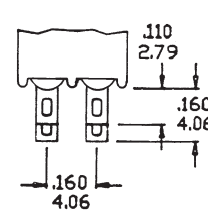
SOLDER LUG



Single Pole



Double Pole

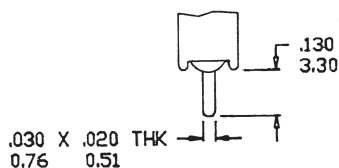


M2

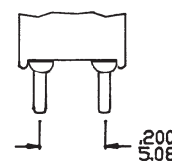
P.C. MOUNT



Single Pole



Double Pole





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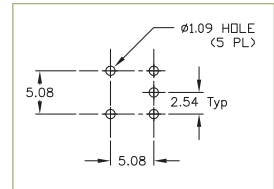
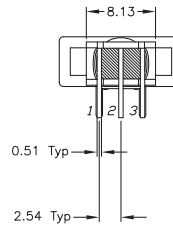
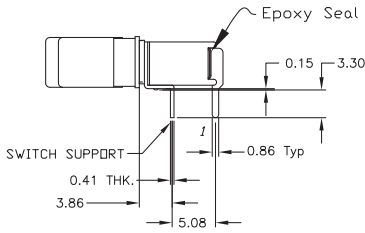
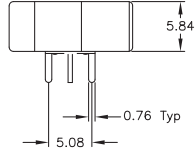
ROTARY SWITCHES

DETECTOR SWITCHES

CAP OPTIONS

M6

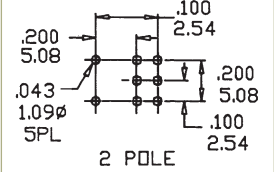
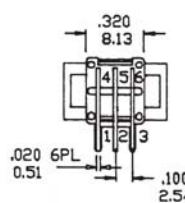
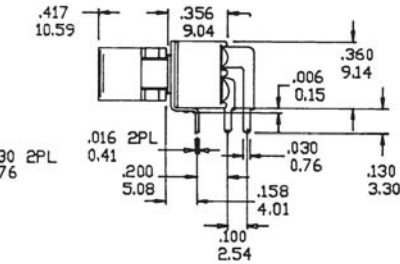
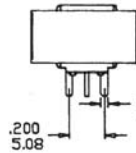
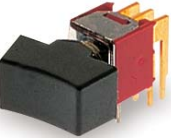
SPDT



P.C. MOUNTING

M6

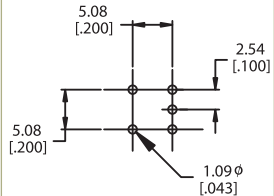
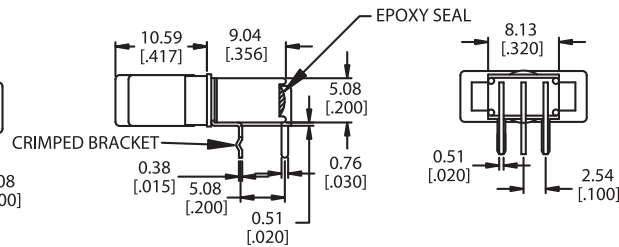
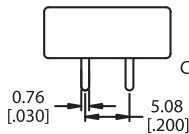
DPDT



P.C. MOUNTING

M61

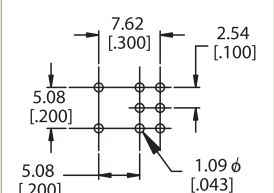
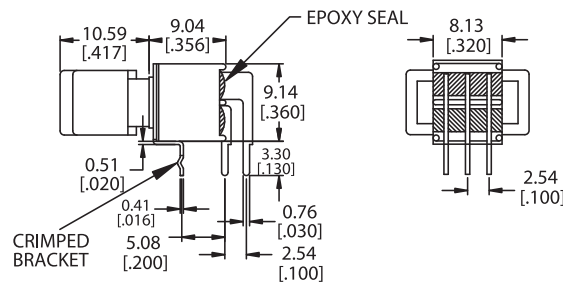
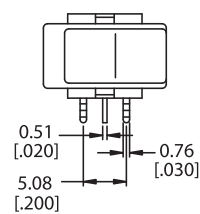
SPDT



P.C. MOUNTING

M61

DPDT

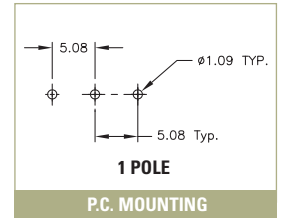
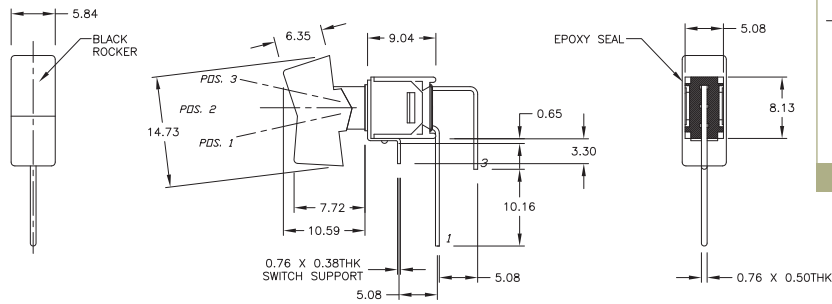


P.C. MOUNTING



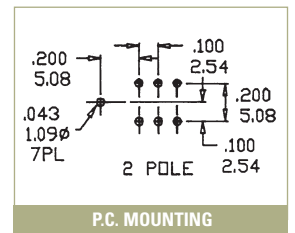
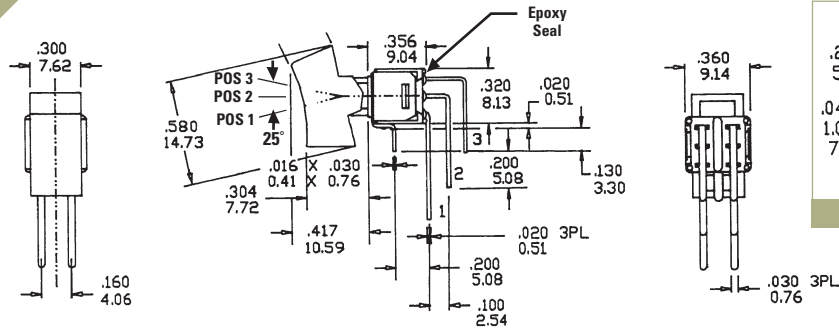
M7

SPDT



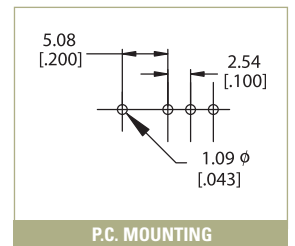
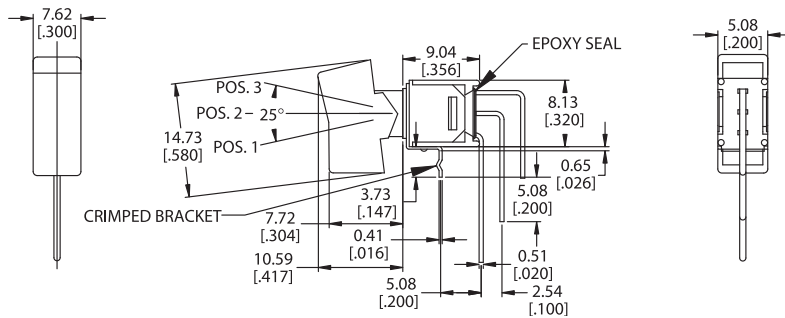
M7

DPDT



M71

SPDT



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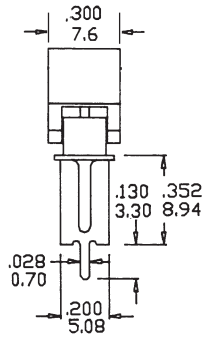
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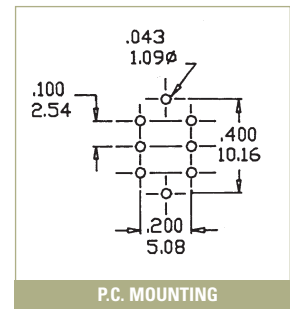
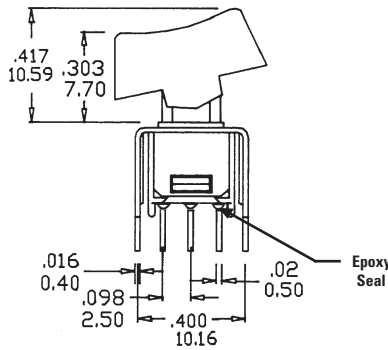
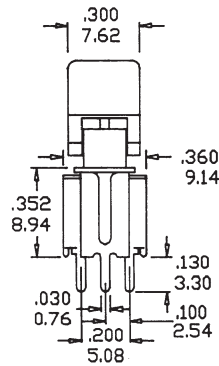
VS2

SPDT



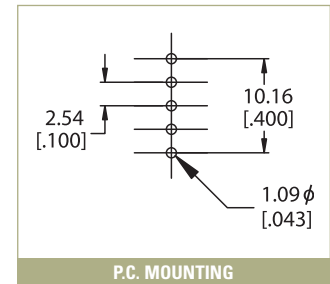
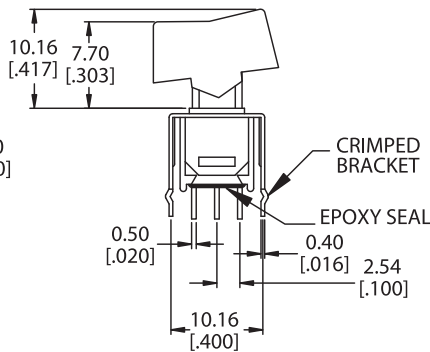
VS2

DPDT



VS21

SPDT



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. |

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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