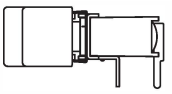
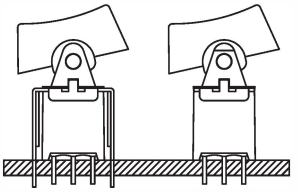
Series 04A/C (Sealed) Sub-Miniature Rocker Switches





SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info.
ELECTRCAL LIFE: 30,000 make-and-break cucles at full load.
CONTACT RESISTANCE: 20mΩ max. initial @2-4VDC
100mA, for both silver and gold plated contacts.
INSULATION RESISTANCE: 1,000MΩ min.
DIELECTRIC STRENGTH: 1500V RMS max. @ sea level.
OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

CASE & BUSHNG: PA9T or FR52, flame retardant, heat stabilized (UL 94V-0).
ROCKER: PA46 (UL 94V-0) or ABS.
ACTUATOR: Brass, chrome plated, internal o-ring sealed (04A).
ACTUATOR: Brass, chrome plated (04C).
SWITCH SUPPORT: Brass, tin plated.
TERMINAL SEAL: Epoxy.

Specifications and Dimensions subject to change

If your preferred product configuration is not shown, please contact our sales representative for custom design.

HOW TO ORDER SYSTEM

04 □ □ □ 0 □ □ □ □

Series
A Sealed, red case
C Dust-proofed, gray case

Switch Function
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)
WMDP-1 On-None-On
WMDP-2 On-None-(On)
WMDP-3 On-Off-On
WMDP-4 (On)-Off-(On)
WMDP-5 On-Off-(On)

Actuator
R1 STD. rocker
R2 Small rocker

Actuator Color
1 White
2 Black
3 Red
4 Orange
5 Yellow
6 Green
7 Blue
8 Brown
9 Gray

Termination
M1 Solder lug
M2 PC thru-hole
M6 Right angle, PC thru-hole
M61 Right angle, snap-in
M7 Vertical, right angle PC thru-hole
M71 Vertical, right angle snap-in
VS2 Vertical mount, 9.30 (.366") high
VS21 Vertical mount, snap-in 9.30 (.366") high

Contact Material
Q Silver plated
P Silver (tin plated term.)
R Gold
K Gold (tin plated term.)
G Silver (gold over silver term.)

Note:
Q plating is not available with 04A

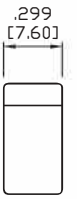
Seal
E Epoxy

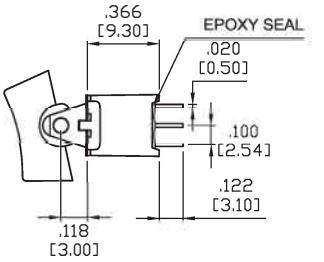
SPDT

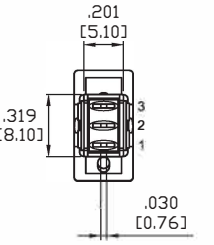
Model No.	Switching Position		
WMSP-1	ON	NONE	ON
WMSP-2	ON	NONE	(ON)
WMSP-3	ON	OFF	ON
WMSP-4	(ON)	OFF	(ON)
WMSP-5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

Schematic

2Comm.





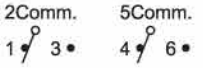


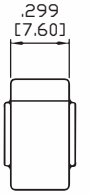
DPDT

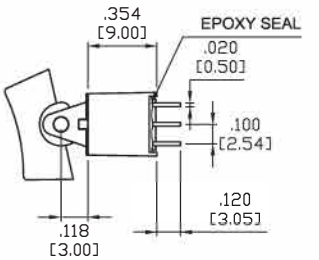
Model No.	Switching Position		
WMDP-1	ON	NONE	ON
WMDP-2	ON	NONE	(ON)
WMDP-3	ON	OFF	ON
WMDP-4	(ON)	OFF	(ON)
WMDP-5	ON	OFF	(ON)
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

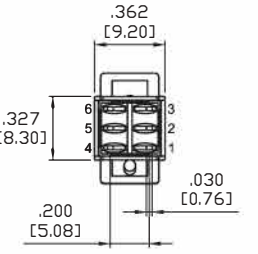
Schematic

2Comm. 5Comm.



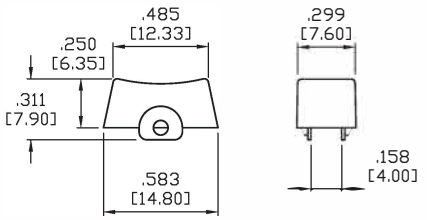




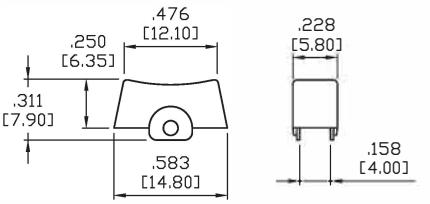


ACTUATOR OPTIONS

R1



R2

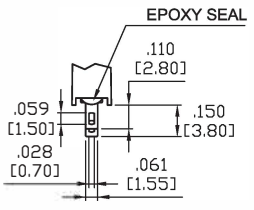


ACTUATOR COLORS	
1	White
2	Black (std.)
3	Red
4	Orange
5	Yellow
6	Green
7	Blue
8	Brown
9	Gray

TERMINATION OPTIONS

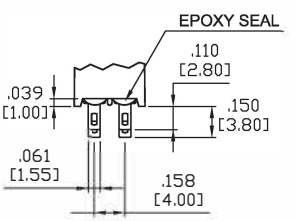
M1 STD. SOLDER LUG

SP



THK .020 [0.50]

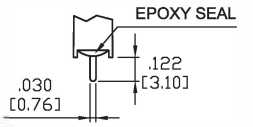
DP



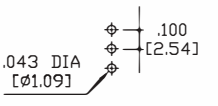
THK .020 [0.50]

M2 PC THRU-HOLE

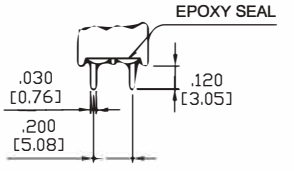
SP

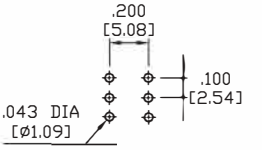


P.C.MOUNTING



DP

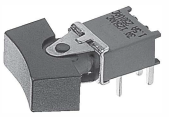




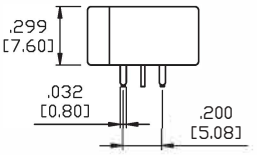
( )=MOMENTARY

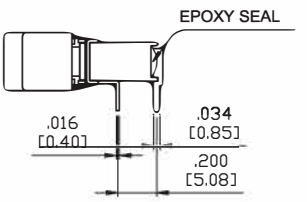
TERMINATION OPTIONS

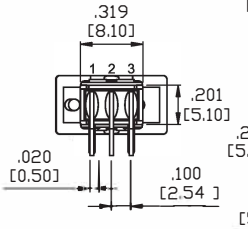
M6



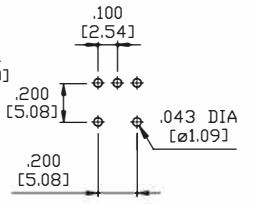
SPDT



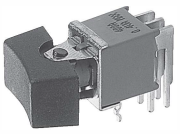




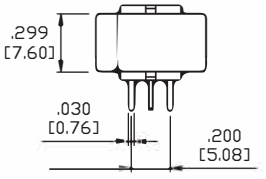
P.C.MOUNTING

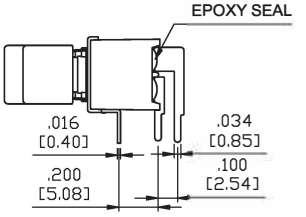


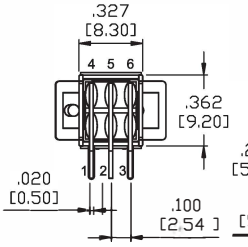
M6



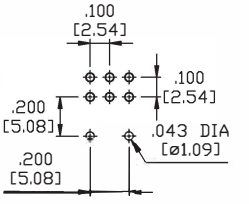
DPDT



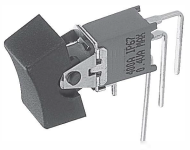




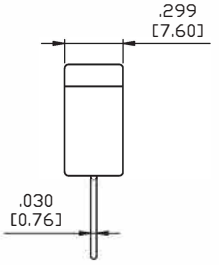
P.C.MOUNTING

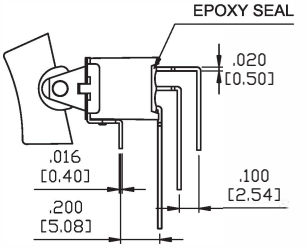


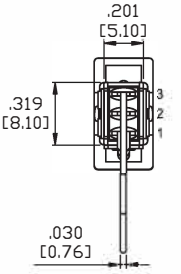
M7



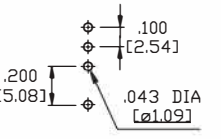
SPDT





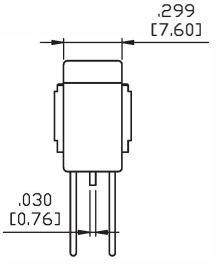


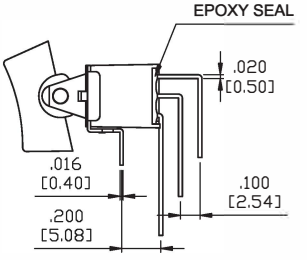
P.C.MOUNTING

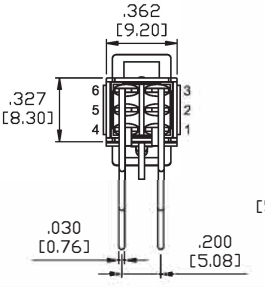


M7

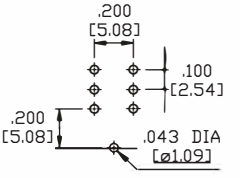
DPDT





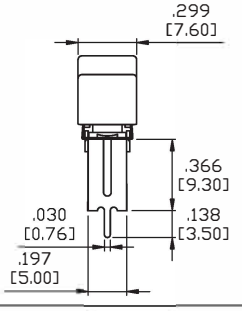


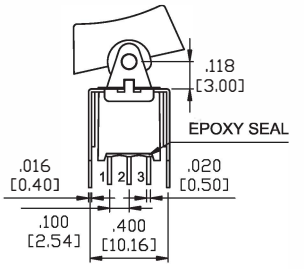
P.C.MOUNTING



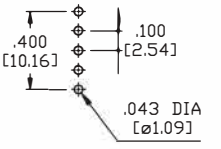
VS2

SPDT



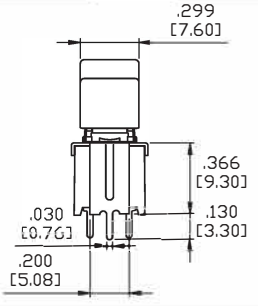


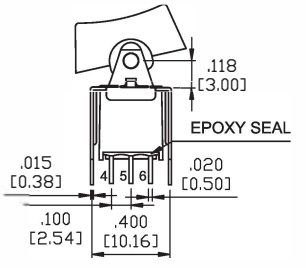
P.C.MOUNTING



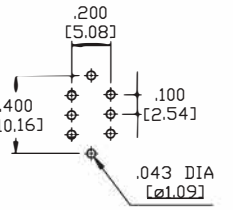
VS2

DPDT



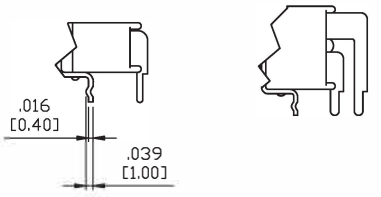


P.C.MOUNTING

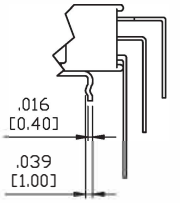


SNAP-IN TERMINATION OPTIONS

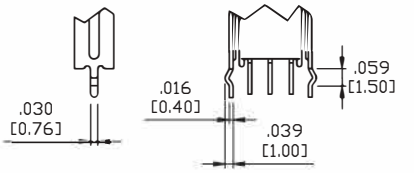
M61



M71



VS21



* PC Mounting for M61,M71,VS21 refer to M6,M7,VS2 respectively.

CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
G	Silver [1]	Gold over silver [3]	3Amps @ 125VAC or 28VDC 1.5Amps @ 250VAC	IP67
P		Tin plated [5,7]		
R	Gold [2]	Gold plated [4]	0.4VA max @ 20V max (AC or DC)	IP67
K		Tin plated [5,6]		

* Standard G plating for sealed product.

1. Movable Contact: Copper alloy, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.
5. Outer Terminals: Copper alloy with pure tin plated.
6. Terminal Contact: Gold plated over nickel plated.
7. Terminal Contact: Palladium nickel alloy (or Silver) plated.

* IP67 protection for series 04A only.