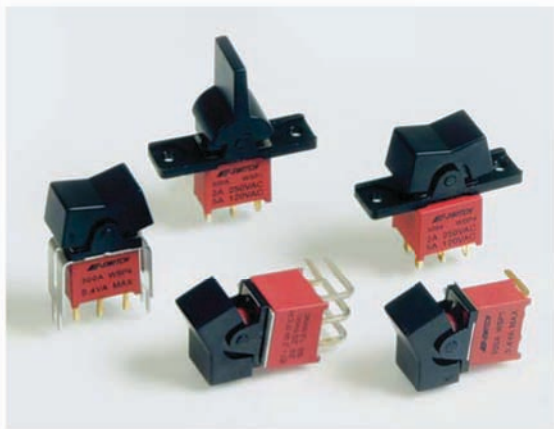


TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP.
OPTIONS

SERIES 300A SWITCHES

ROCKER AND PADDLE SWITCHES - MINIATURE



FEATURES & BENEFITS

- ▶ Multiple rocker & paddle options
- ▶ Multiple termination options
- ▶ Sealed to IP67

APPLICATIONS/MARKETS

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

SPECIFICATIONS

Contact Rating:	Dependent upon contact material
Life Expectancy:	30,000 make-and-break cycles at full load
Contract Resistance:	10 mΩ typ. initial @ 2-4 V DC, 100 mA for both 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

Housing:	Glass filled nylon, flame retardant, heat stabilized (UL 94-V0).
Actuator:	Nylon, black std. (UL 94-HB)
Actuator Seal:	Internal O-Ring
Switch Support:	Brass or steel, tin plated
Actuator Pivot & Mounting Bracket:	Nylon (UL 94-HB)
Actuator Pivot Retainer:	Stainless steel
Contacts / Terminals:	Silver or gold plated copper alloy
Terminal Seal:	Epoxy



HOW TO ORDER

SERIES 300A	MODEL NO. [][][][]	ACTUATOR [][][]	COLOR [][][]	TERMINATION [][]	CONTACT MATERIAL []	SEAL E
	WSP1 WSP2 WSP3 WSP4 WSP5 WDP1 WDP2 WDP3 WDP4 WDP5	<u>Panel Mount:</u> R1 R2 R11 R16	BLK =Black RED =Red WHT=White	M1 M3	Q = Silver R = Gold	E = Epoxy Sealed at Base of Terminal

(See Above
Model No.
Options)

P.C. Mount:

J1
J2
J3
J4
J5
J6

BLK =Black
RED =Red
WHT=White

M2
M6
M7
VS2
VS3
M61
VS21

Q = Silver
R = Gold

E = Epoxy
Sealed at
Base of
Terminal



Example Ordering Number

300A-WSP5-R11-WHT-M1-Q-E

Specifications subject to change without notice.

Actuator & Frame Colors:

Black, White, Red

Consult E-Switch for other colors and custom actuator marking.



E-SWITCH®

MODEL NUMBER OPTIONS

SPDT



2 Comm.
1 3

SCHEMATIC



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

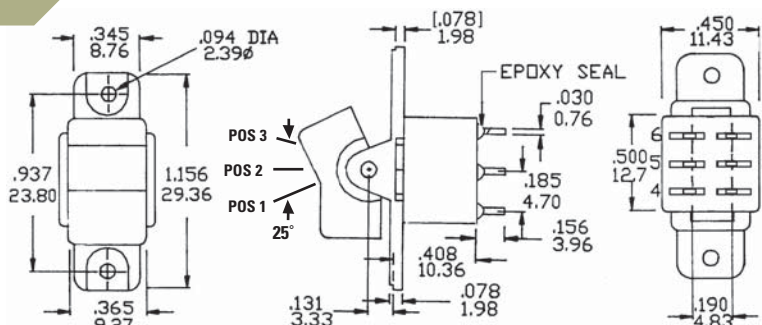
() = Momentary

DPDT



2 Comm. 5 Comm.
1 3 4 6

SCHEMATIC



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

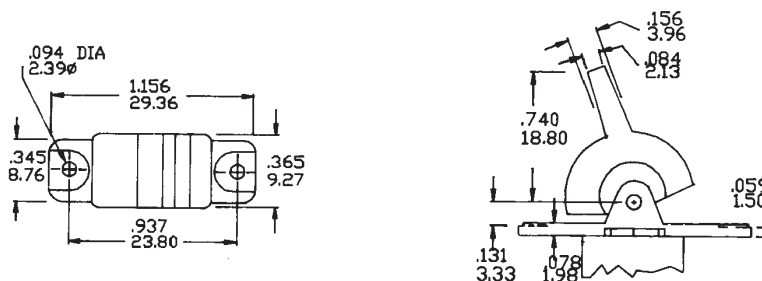
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ACTUATOR OPTIONS – PANEL MOUNT

R1



R2





SERIES 300A SWITCHES

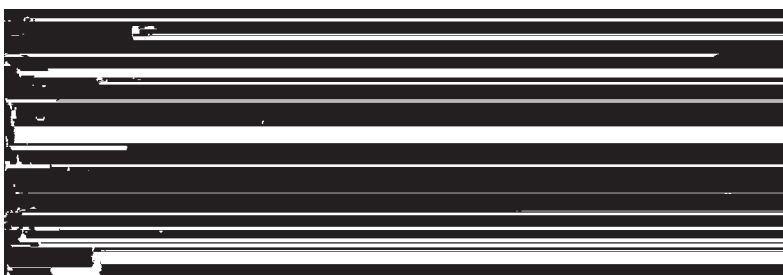
ROCKER AND PADDLE SWITCHES - MINIATURE

TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHES

R11

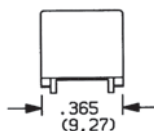
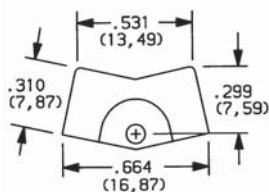


R16

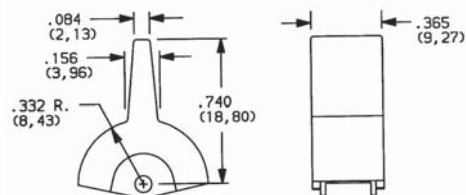


ACTUATOR OPTIONS – P.C. MOUNT

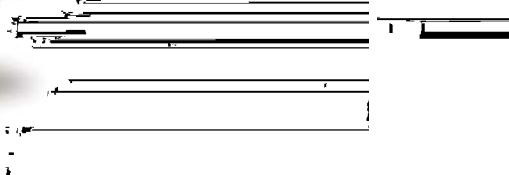
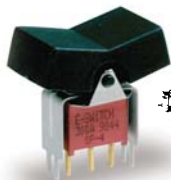
J1



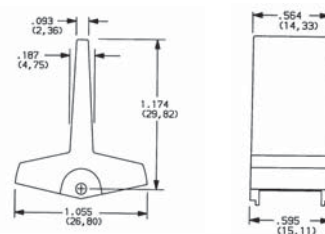
J2



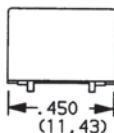
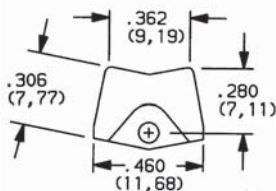
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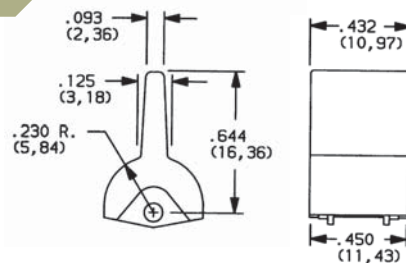
J4



J5



J6

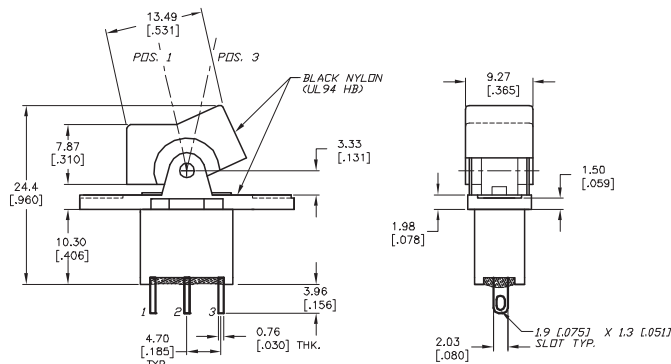
SLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS



TERMINATION OPTIONS – PANEL MOUNT

M1

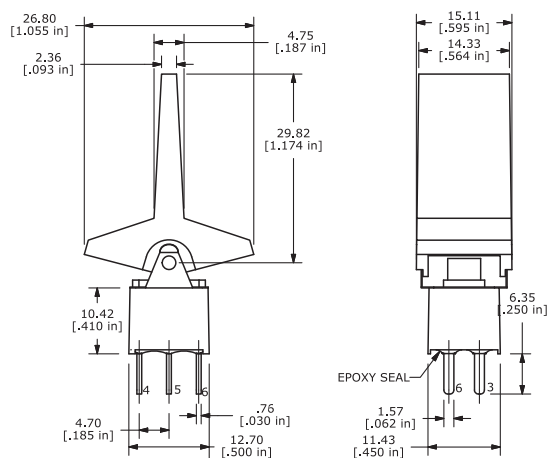
STD



PANEL MOUNTING

M3

QUICK CONNECT

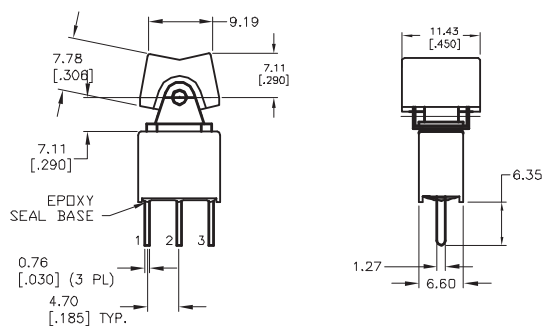


PANEL MOUNTING

TERMINATION OPTIONS – P.C. MOUNT

M2

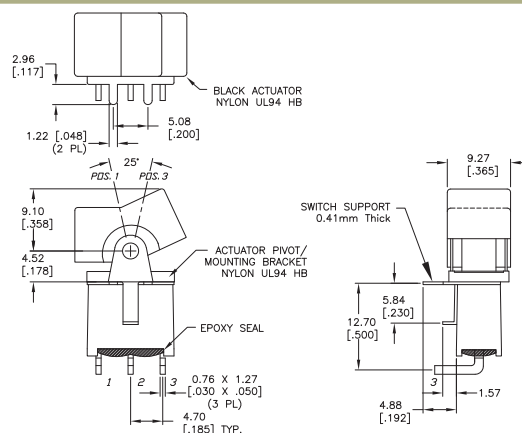
STD



P.C. MOUNTING

M6

SPDT



P.C. MOUNTING

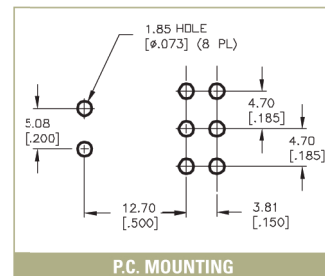
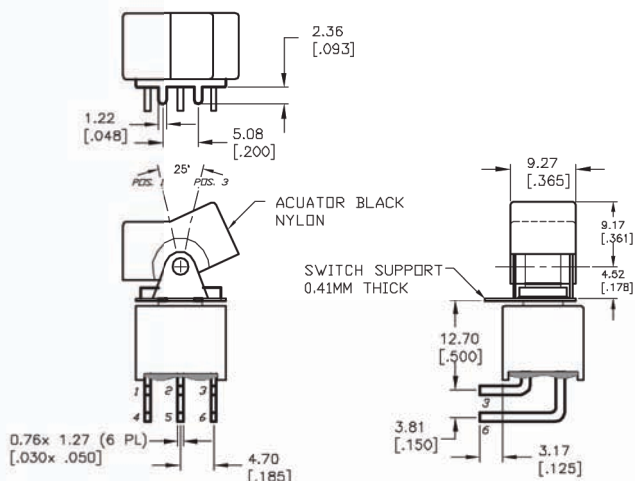
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES 300A SWITCHES

ROCKER AND PADDLE SWITCHES - MINIATURE

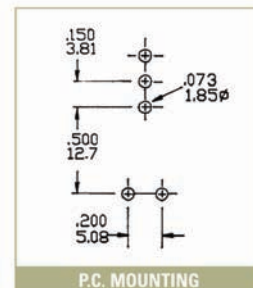
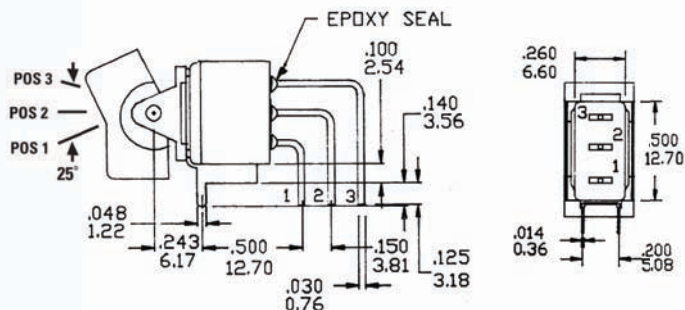
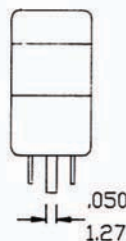
M6

DPDT



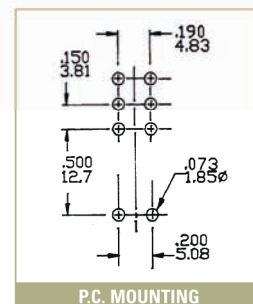
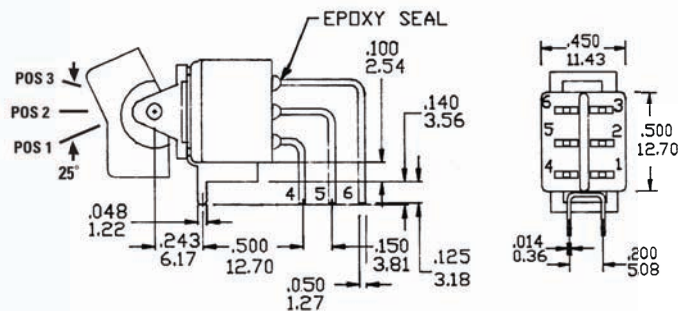
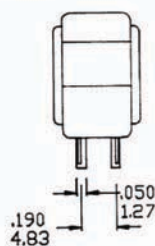
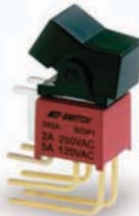
M7

SPDT



M7

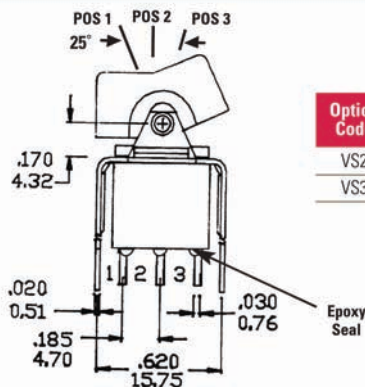
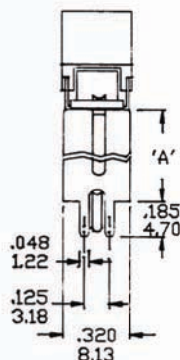
DPDT



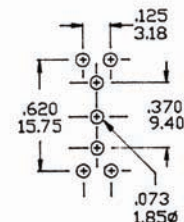


VS2-VS3

SPDT



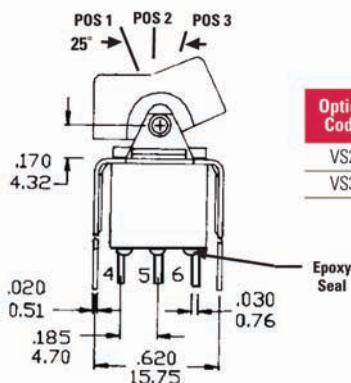
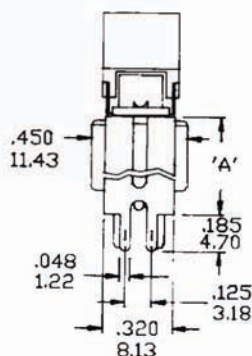
Option Code	Dim. 'A'
VS2	.460 (11.68)
VS3	.630 (15.00)



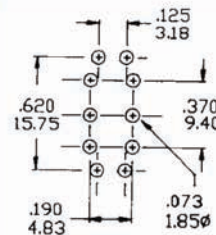
P.C. MOUNTING

VS2-VS3

DPDT



Option Code	Dim. 'A'
VS2	.460 (11.68)
VS3	.630 (15.00)



P.C. MOUNTING

CONTACT MATERIAL OPTIONS

Q

Fixed Terminal:	Gold flash over silver plated copper alloy
Moving Contact:	Silver plated copper alloy
Rating:	5 Amps with resistive load @ 120VAC or 28VDC; 2 Amps with resistive load @ 250VAC

R

Fixed Terminal:	Copper alloy with gold plate over nickel plate
Moving Contact:	Copper alloy with gold plate overnickel plate
Rating:	0.4 Volt-Amps (VA) max. @ 20V max. (AC or DC)

Mouser Electronics

Authorized Distributor

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

E-Switch:

[300AWSP1J1M2QE](#) [300AWDP2J6BLKVS3QE](#) [300AWDP3J3BLKVS2QE](#) [300AWDP4R16BLKM1QE](#)
[300AWDP4R16BLKM1RE](#) [300AWSP1R1REDM1RE](#) [300AWSP4J2WHTM2RE](#) [300AWSP4J2BLKM2RE](#)
[300AWDP1J1BLKM6QE](#) [300AWDP1J1BLKM6RE](#) [300AWDP1J1BLKM7QE](#) [300AWDP1J1BLKM7RE](#)
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