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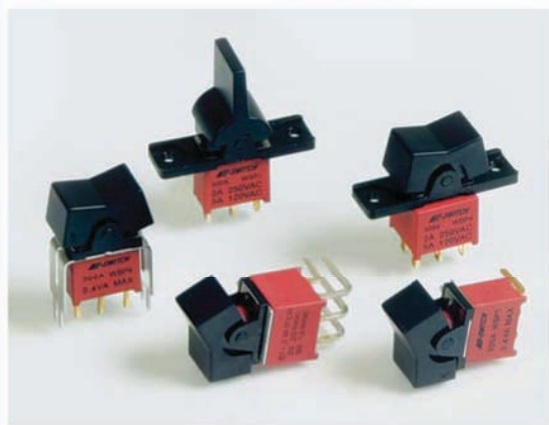
[E-Switch](#)
[300AWSP3R1BLKM1QE](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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
Contact 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	Panel Mount: 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

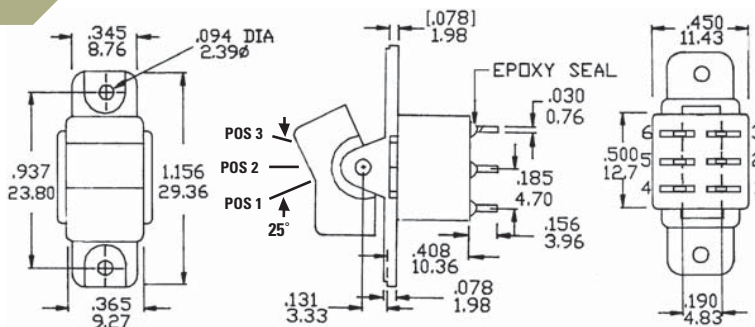
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DPDT



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

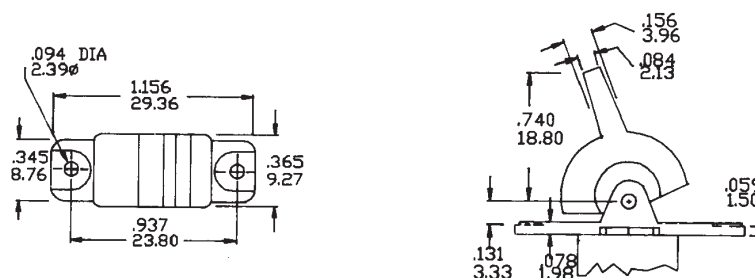
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ACTUATOR OPTIONS – PANEL MOUNT

R1



R2



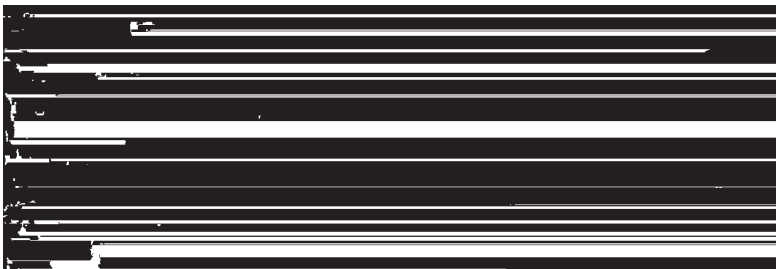
SERIES 300A SWITCHES

ROCKER AND PADDLE SWITCHES - MINIATURE

R11

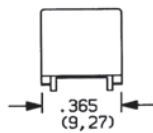
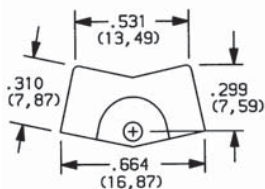


R16

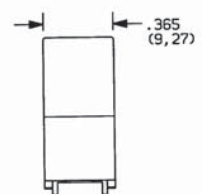
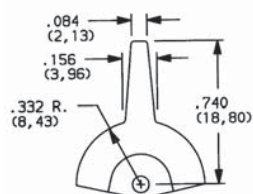


ACTUATOR OPTIONS – P.C. MOUNT

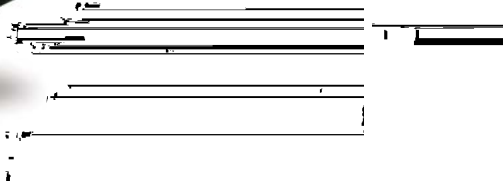
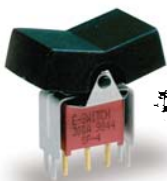
J1



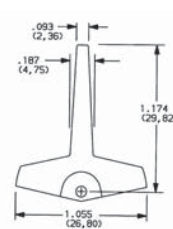
J2



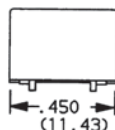
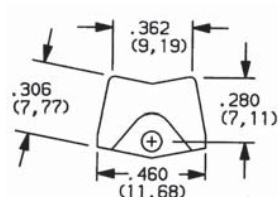
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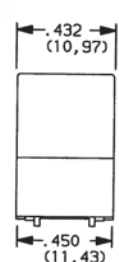
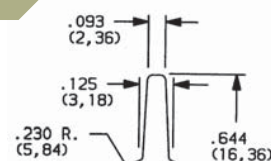
J4



J5



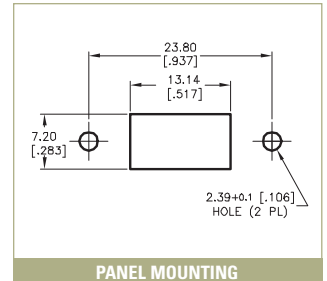
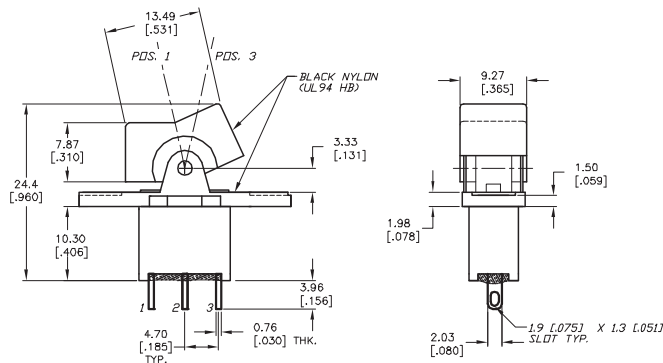
J6

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

TERMINATION OPTIONS – PANEL MOUNT

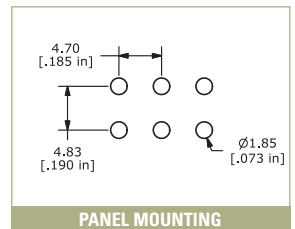
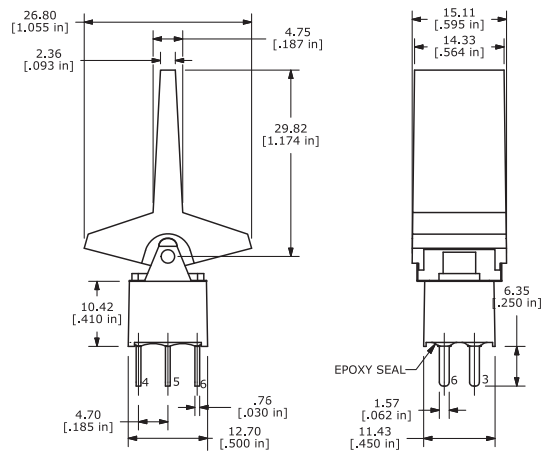
M1

STD



M3

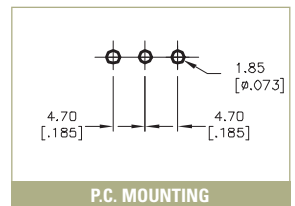
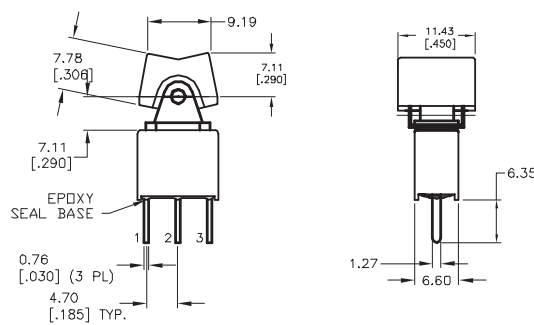
QUICK CONNECT



TERMINATION OPTIONS – P.C. MOUNT

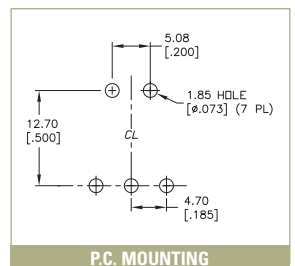
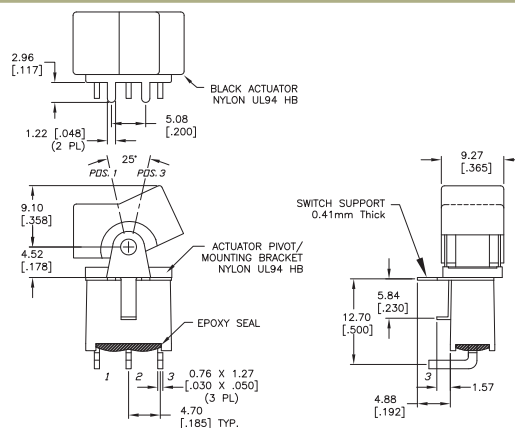
M2

STD



M6

SPDT

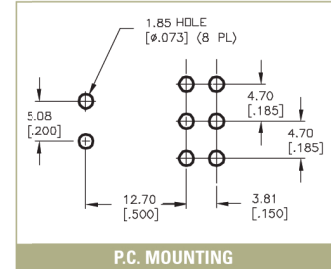
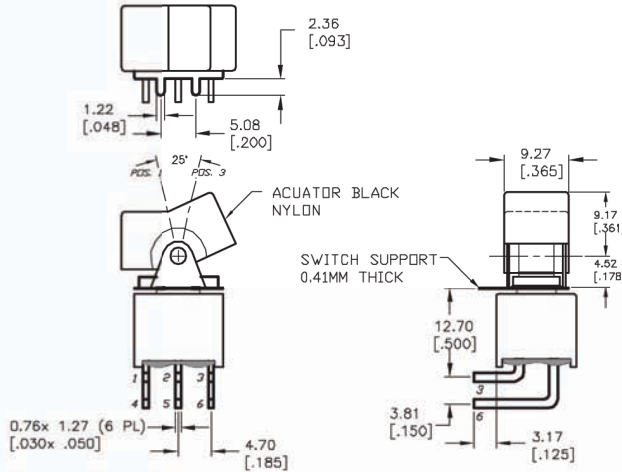


SERIES 300A SWITCHES

ROCKER AND PADDLE SWITCHES - MINIATURE

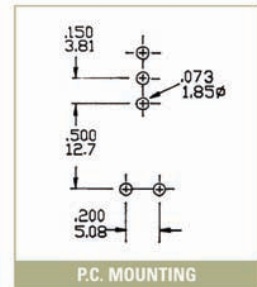
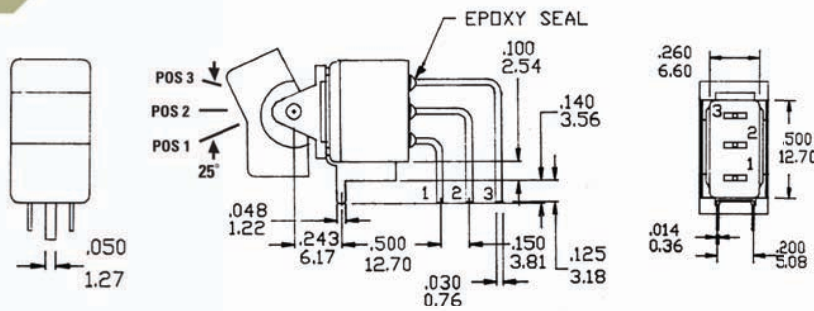
M6

DPDT



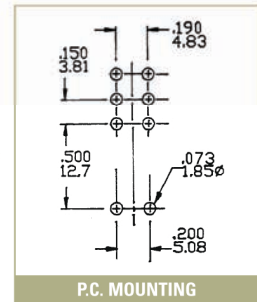
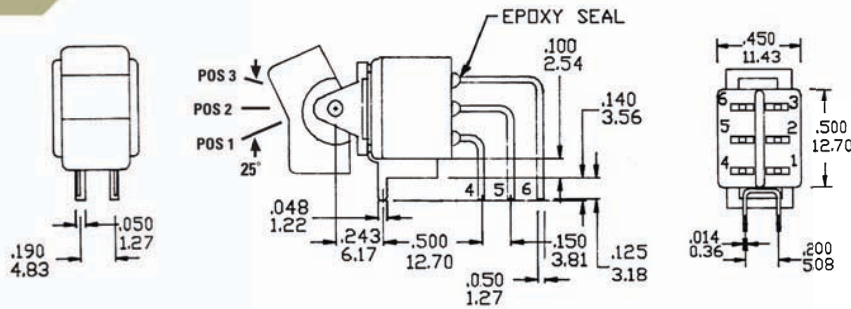
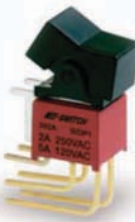
M7

SPDT



M7

DPDT



TACT
SWITCHES

NAVIGATION
SWITCHES

PUSHBUTTON
SWITCHES

TOGGLE
SWITCHES

ROCKER
SWITCHES

SLIDE
SWITCHES

SNAP-ACTION
SWITCHES

DIP
SWITCHES

KEYLOCK
SWITCHES

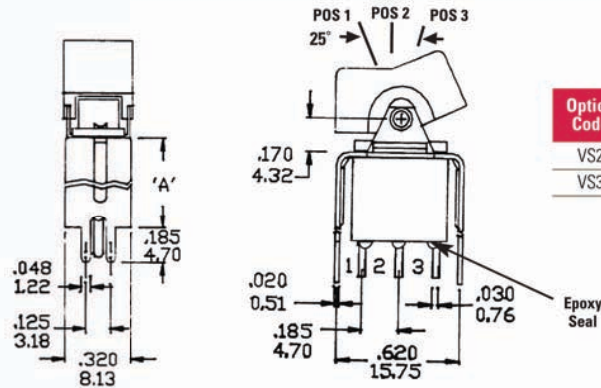
ROTARY
SWITCHES

DETECTOR
SWITCHES

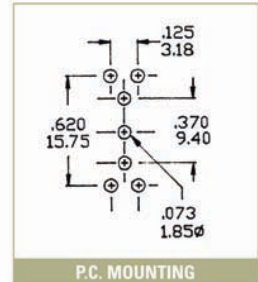
CAP
OPTIONS

VS2-VS3

SPDT

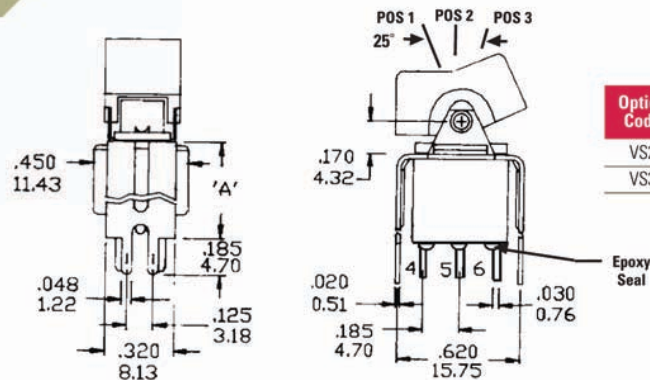


Option Code	Dim. 'A'
VS2	.460 (11.68)
VS3	.630 (15.00)

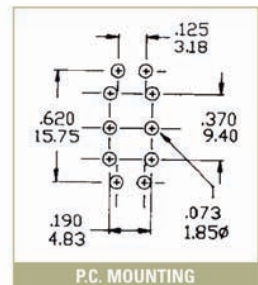


VS2-VS3

DPDT



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



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)