

## DS800 Series

## Slide Switches

### SPECIFICATIONS

**CONTACT RATING** : Dependent upon contact material See page 42.

**ELECTRICAL LIFE** : 60,000 make-and-break cycles at full load.

**CONTACT RESISTANCE** : 10mΩ max. initial @ 2-4 VDC. 100 mA for both silver and gold plated contacts.

**INSULATION RESISTANCE** : 1,000 MΩ min.

**DIELECTRIC STRENGTH** : 1,000 V RMS min. @ sea level.

**OPERATING TEMPERATURE** : -30°C to 130°C.

### MATERIALS

**CASE** : Diallyl phthalate (DAP)(UL94V-0).

**ACTUATOR** : Nylon,black standard.

**HOUSING** : Stainless steel.

**SWITCH SUPPORT** : Brass,tin plated.

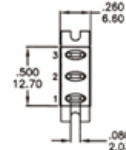
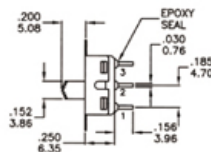
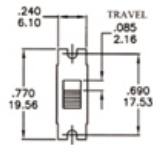
**TERMINAL/CONTACT** : Silver or gold plated. See page 42.

**TERMINAL SEAL** : Epoxy

NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS/SCHEMATIC		
		POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
SP	DS-12	ON	NONE	OFF	2-1	OPEN	2-3
	DS-13	ON	NONE	ON			
	DS-14	ON	OFF	ON			
DP	DS-23	ON	NONE	ON	2-1,5-4	OPEN	2-3,5-6
	DS-24	ON	OFF	ON			

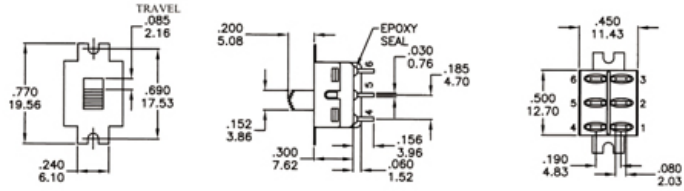


SPDT Part No.DS-13C1A1QE-B



# DS800 Series

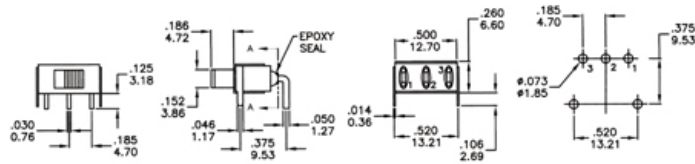
## Slide Switches



DPDT Part No.DS-23C1A1QE-B

P.C. MOUNTING

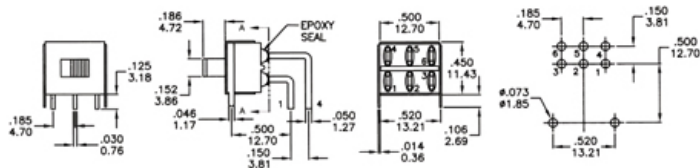
### A3



SPDT Part No.DS-13C1A3QE

P.C. MOUNTING

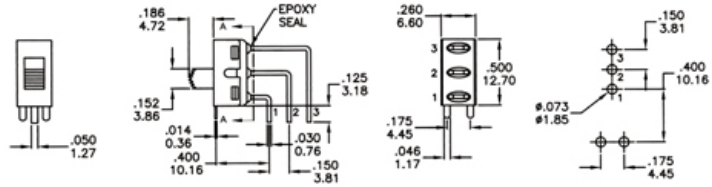
### A3



DPDT Part No.DS-23C1A3QE

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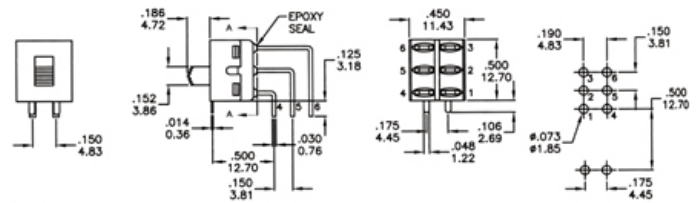
### A4



SPDT Part No.DS-13C1A4QE

P.C. MOUNTING

### A4

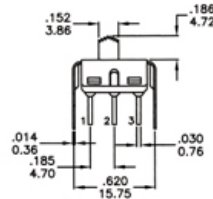
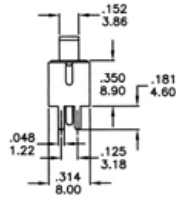


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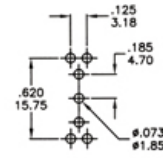
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## Slide Switches

### VS1

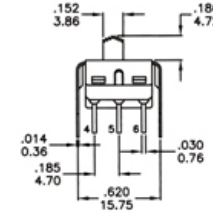
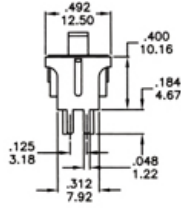


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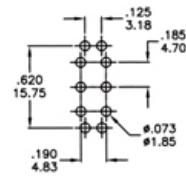


SPDT Part No.DS-13C1VS1QN

### VS1



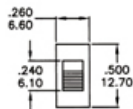
### P.C. MOUNTING



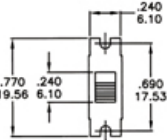
DPDT Part No.DS-23C1VS1QN

### MOUNTING EARS

"A" WITHOUT MOUNTING EARS

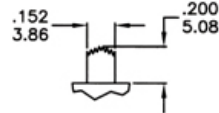


"B" WITH MOUNTING EARS

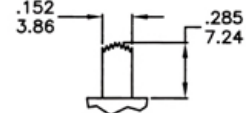


### ACTUATOR OPTIONS

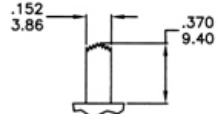
C1



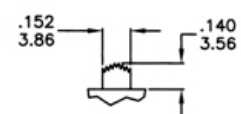
C2



C3

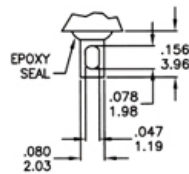


C4

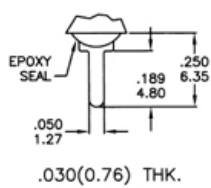


### TERMINATION OPTIONS

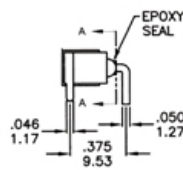
A1



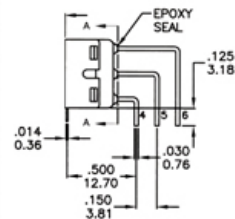
A2



A3



A4



## CONTACT RATING

### Q

**FIXED TERMINAL** : Silver plated over copper alloy

**MOVING CONTACT** : Silver plated over copper alloy

**RATING** : 6 Amps with resistive load@120VAC or 28VDC

3 Amps with resistive load@250VAC







### G

**FIXED TERMINAL** : Copper alloy with gold plated over nickel plate

**MOVING CONTACT** : Copper alloy with gold plated over nickel plate

**RATING** : 0.4 Volt-Amps(VA) max. @20V max. (AC or DC)

## HOW TO ORDER

MODEL NO.	ACTUATOR	TERMINATIONS	CONTACT MATERIAL	SEAL	(EARS)
 DS-12 DS-13 DS-14 DS-23 DS-24	 C1 C2 C3 C4	 A1 A2 A3 A4 VS1	 Q=Silver G=Gold	 E=EPOXY N=NO EPOXY	 (A) (B)