

**Sip Switches, Low Profile, Vertical and Right Angle**

**FEATURES:**

- End-to-end stackable in .100" center (SSV/SLV) versions
- High pressure wiping contacts allows aqueous or solvent cleaning
- Gas tight contacts (280,000 PSI)
- Ceramic substrate allows wave soldering temperature of 245° for up to 10 seconds (SLV Version)
- 2 SIP switches take up less board space than 1 DIP switch

**ENVIRONMENTAL SPECIFICATIONS:**

Operating Temperature .....-30°C to +85°C  
 Storage Temperature .....-45°C to +100°C  
 Solder Heat Resistance .....Wave soldering temperatures of 245°C ± 5°C with switch in off position 30 seconds when mounting on a .060" thick PCB per MIL-STD 202, Method 210

**MATERIAL SPECIFICATIONS:**

Base .....PPS 94V-0/Encapsulated Ceramic (SLV/SLH)  
 Cover .....PBT 94V-0  
 Contacts .....Gold flashed Beryllium copper  
 Actuator Material .....Polyamide  
 Terminals/Fixed Contacts .....Solder coated copper alloy  
 Terminal Seal .....Insert molded  
 Process Seal .....Gas tight contacts

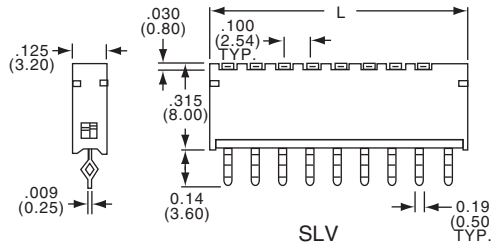
**TYPICAL PERFORMANCE CHARACTERISTICS:**

Contact Rating .....0.4 VA @ 20 VDC max.  
 Initial Contact Resistance .....50 Milliohms max.  
 Insulation Resistance .....100 Megohms min. @ 100 VDC  
 Dielectric Strength .....500 VAC  
 Actuation Force .....800 Grams max.  
 Actuator Travel .....50°  
 Life Expectancy .....1,000 Cycles

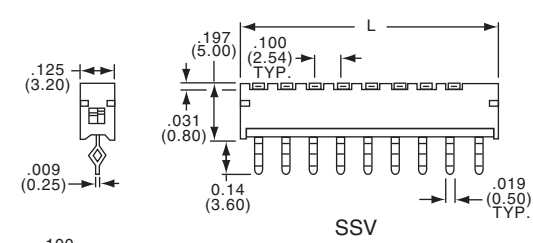
**SSV**



SSV08



SLV



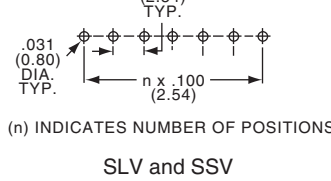
SSV

**SLV**

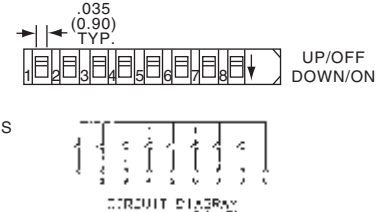


SLV08

Model		No. of Positions	Dim. L
Tyco Electronics	Alcoswitch		
2-1437589-2	SSV02	2	0.298
2-1437589-3	SSV04	4	0.498
2-1437589-4	SSV06	6	0.698
2-1437589-6	SSV08	8	0.898
2-1437589-7	SSV10	10	1.098
1-1437589-5	SLV04	4	0.498
1-1437589-6	SLV08	8	0.898



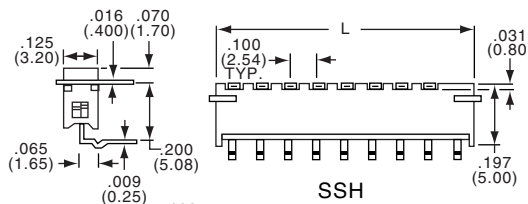
SLV and SSV



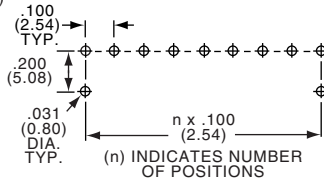
**SSH**



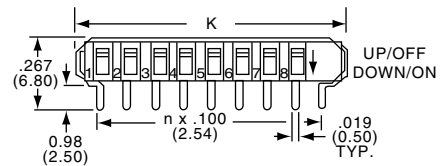
SSH06



SSH



SSH



Model		No. of Positions	Dim. L	Dim. K
Tyco Electronics	Alcoswitch			
1-1437589-7	SSH02	2	0.298	0.338
1-1437589-8	SSH04	4	0.498	0.538
1-1437589-9	SSH06	6	0.699	0.738
2-1437589-0	SSH08	8	0.898	0.938
2-1437589-1	SSH10	10	1.098	1.138

