

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 ResistanceWave 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:

BasePPS 94V-0/Encapsulated Ceramic (SLV/SLH)
 CoverPBT 94V-0
 ContactsGold flashed Beryllium copper
 Actuator MaterialPolyamide
 Terminals/Fixed ContactsSolder coated copper alloy
 Terminal SealInsert molded
 Process SealGas tight contacts

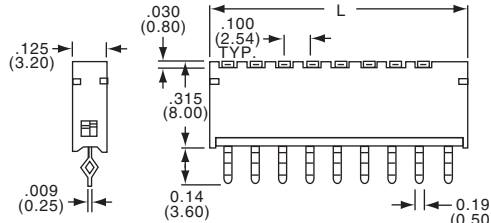
TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating0.4 VA @ 20 VDC max.
 Initial Contact Resistance50 Milliohms max.
 Insulation Resistance100 Megohms min. @ 100 VDC
 Dielectric Strength500 VAC
 Actuation Force800 Grams max.
 Actuator Travel50°
 Life Expectancy1,000 Cycles

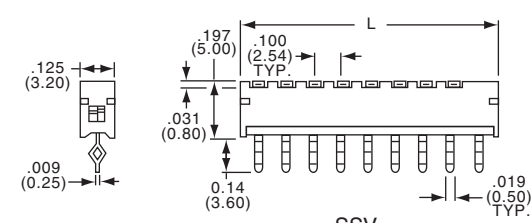
SSV



SSV08



SLV



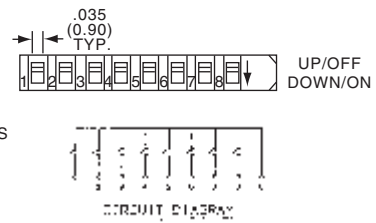
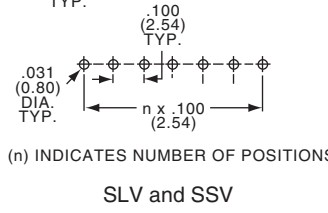
SSV

SLV



SLV08

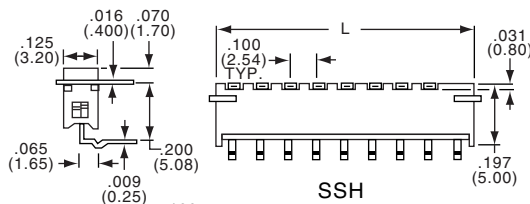
| Model | | No. of Positions | Dim. L |
|------------------|------------|------------------|--------|
| Tyco Electronics | Alcoswitch | | |
| 2-1437589-2 | SSV02 | 2 | 0.298 |
| 2-1437589-3 | SSV04 | 4 | 0.498 |
| 2-1437589-4 | SSV06 | 6 | 0.698 |
| 2-1437589-6 | SSV08 | 8 | 0.898 |
| 2-1437589-7 | SSV10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



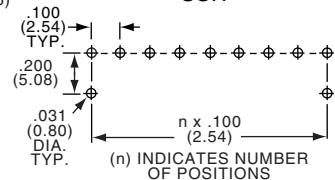
SSH



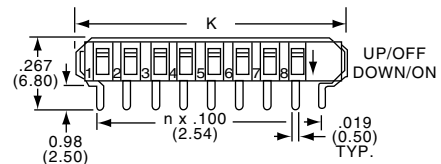
SSH06



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 |

