

Vertical and Right Angle Low Profile Sip Switches S Series

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/SLH Versions)
- 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

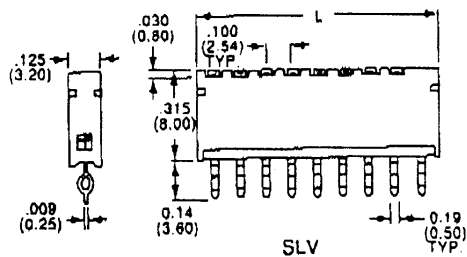
MATERIAL SPECIFICATIONS:

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

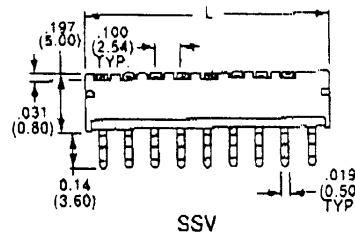
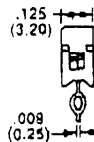
TYPICAL PERFORMANCE CHARACTERISTICS:

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



SLV



SSV



SSV08

SLV

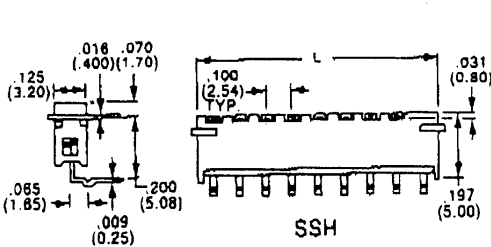


SLV08

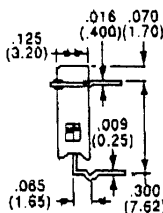
Model	# Of Positions	"L" Dimension
SSV02	2	.298
SSV04	4	.498
SSV06	6	.698
SSV08	8	.898
SSV10	10	1.098
SLV04	4	.498
SLV08	8	.898

(n) INDICATES NUMBER OF POSITIONS

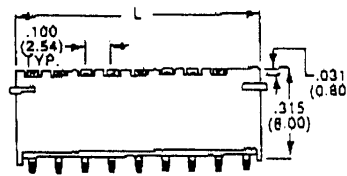
SLV and SSV



SSH



SLH



SSH

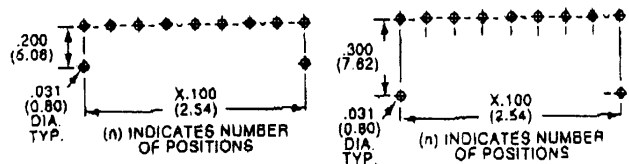


SSH06

SLH



SLH08



SSH

SLH

Model	# Of Positions	"L" Dimension	"L" Dimension
SSH02	2	.298	.338
SSH04	4	.498	.538
SSH06	6	.698	.738
SSH08	8	.898	.938
SSH10	10	1.098	1.138
SLH04	4	.498	.538
SLH08	8	.898	.938

Need more technical information?

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A11

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