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

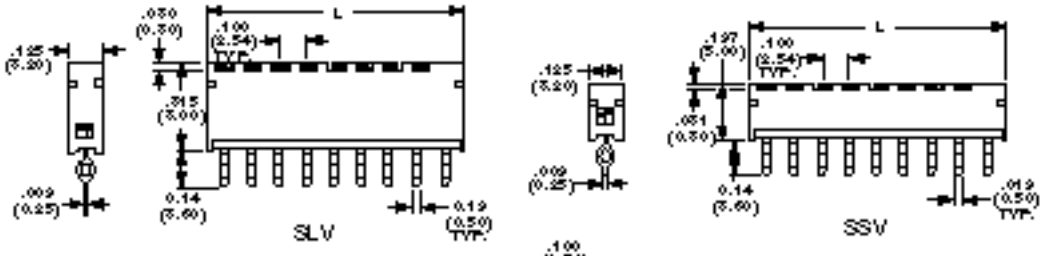
MATERIAL SPECIFICATIONS:

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



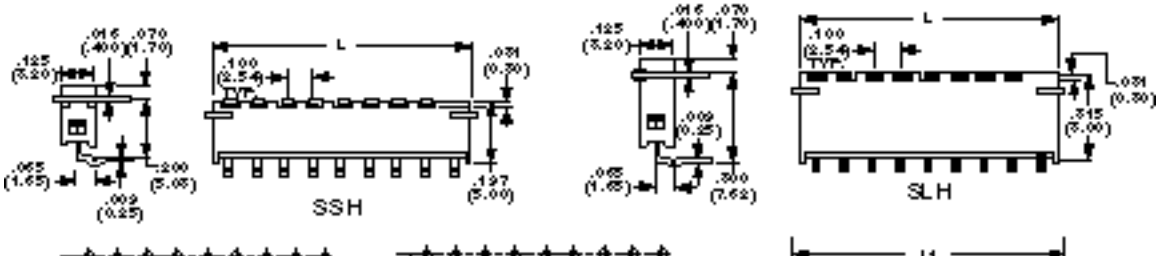
SSVO8

SLV

Model	#
SSV02	
SSV04	
SSV06	
SSV08	
SSV10	
SLV04	
SLV08	

SLVO8

SSH



SSH06

SLH

SLHO8

Model	# Of Positions	"L" Dimension	"L_1" Dimension
SSH02	2	.298	.338
SSH04	4	.498	.538
SSH06	6	.699	.738
SSH08	8	.898	.938
SSH10	10	1.098	1.138
SLH04	4	.498	.538
SLH08	8	.898	.938

Need more technical information?

Contact your local ABE office--(800) 453-1692--or AboveBoardElectronics.com

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