

SLS/SLSA Series

"Panel Mount" Consumer Grade Slide with Wiping Contact

MATERIAL SPECIFICATIONS:

Contacts Silver plate
Case Material Steel
Actuator Material Phenolic
Terminals/Fixed Contacts Silver plate
Terminal Seal Epoxy

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature -4°F to +185°F (-20°C to +85°C)
Storage Temperature -40°F to +212°F (-40°C to +100°C)
Solder Heat Resistance +300°C (+572°F) for 5 seconds

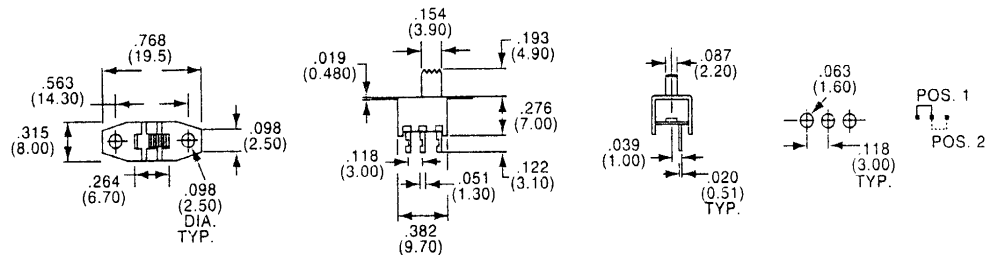
TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating 500 mA @ 125 VAC, 200 mA @ 12 VDC
Initial Contact Resistance 30 Milliohms max.
Contact Timing Break-Before-Make
Insulation Resistance 500 Megohms min.
Dielectric Strength 500 VAC
Actuation Force SLS: 120 Grams; SLSA: 220, 350 ±150
Plunger/Actuator Travel: 0.106" (2.69)
Shoe Contact: SLS (A) 120: 250 grams ± 130-100
SLS (A) 220: 350 grams ± 150 grams
Life Expectancy SLS: 6,000 Cycles; SLSA: 10,000 Cycles

SPDT



SLS120

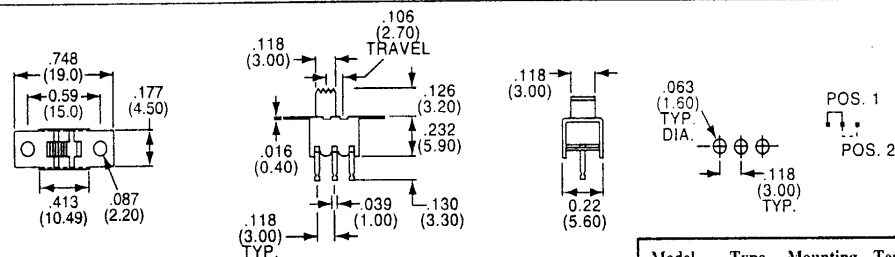


Model	Type	Mounting	Terminals	Contacts
SLS120	SPDT	With Tabs	Lug, Silver Plated	

SPDT



SLSA120

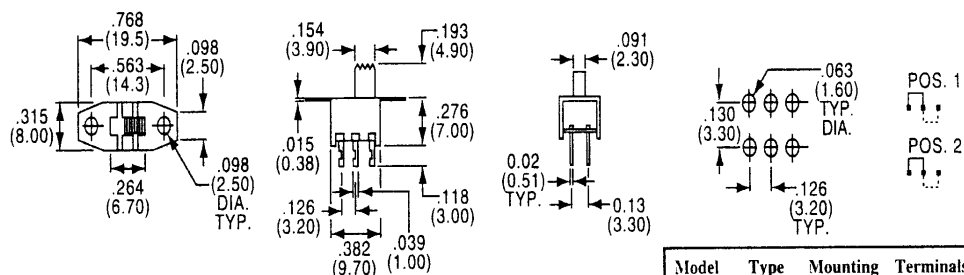


Model	Type	Mounting	Terminals	Contacts
SLSA120	SPDT	With Tabs	Turret, Silver Plated	

DPDT



SLS220

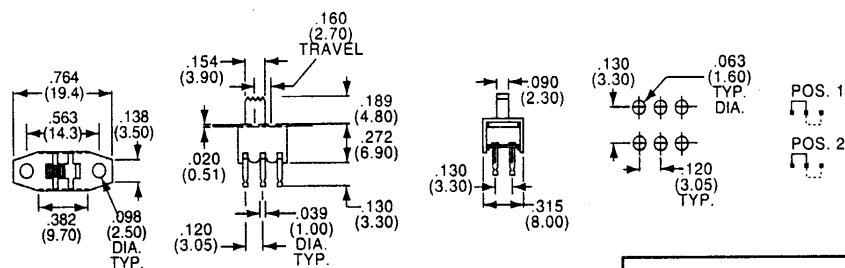


Model	Type	Mounting	Terminals	Contacts
SLS220	DPDT	With Tabs	Lug, Silver Plated	

DPDT



SLSA220



Model	Type	Mounting	Terminals	Contacts
SLSA220	DPDT	With Tabs	Turret, Silver Plated	

Multi-Position/Miniature Slide/PC SLS Series

MATERIAL SPECIFICATIONS:

Contacts Silver plate over copper alloy
Case Material Steel
Actuator Material Polycarbonate
Terminals/Fixed Contacts Silver plate over brass
Terminal Seal Epoxy

ENVIRONMENTAL SPECIFICATIONS:

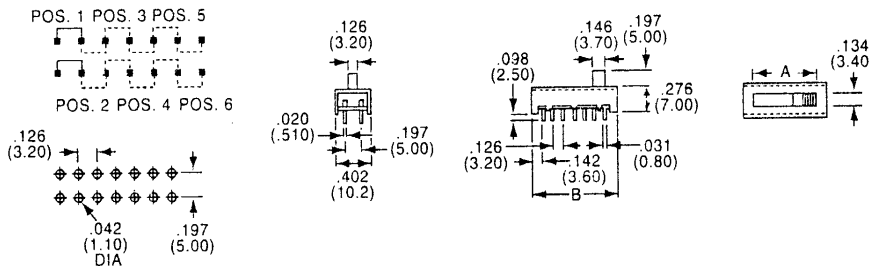
Operating Temperature 14°F to +140°F (-10°C to +60°C)
Storage Temperature 14°F to +140°F (-10°C to +60°C)

TYPICAL PERFORMANCE CHARACTERISTICS:

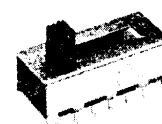
Contact Rating 250 mA @ 125 VAC, 150 mA @ 12 VDC
Initial Contact Resistance 30 Milliohms max.
Contact Timing Break before make
Insulation Resistance 500 Megohms min.
Dielectric Strength 500 VAC
Actuation Force 250 Grams + 150 - 100
Actuator Travel126" (3.20)
Life Expectancy 10,000 Cycles

B

2 TO 6 POSITIONS



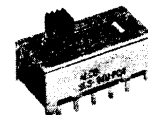
Model	Type	Dim.A	Dim.B
SLS220PC	2 Positions	.272(6.91)	.535(13.59)
SLS230PC	3 Positions	.398(10.11)	.661(16.79)
SLS240PC	4 Positions	.524(13.31)	.787(19.99)
SLS250PC	5 Positions	.650(16.51)	.913(23.19)
SLS260PC	6 Positions	.776(19.71)	1.039(26.39)



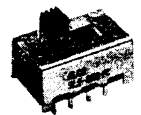
SLS250PC



SLS220PC



SLS240PCA

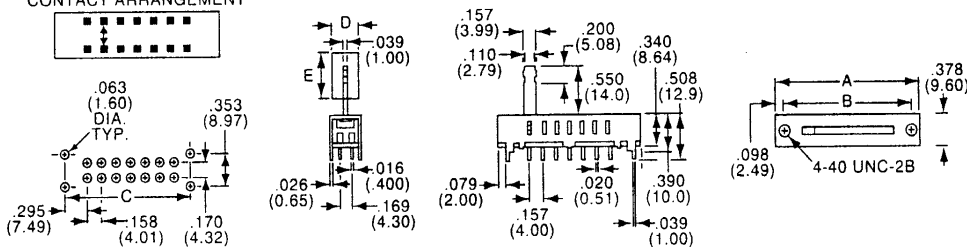


SLS230PC

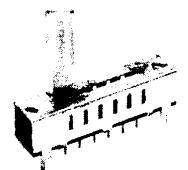
Multi-Position/PC Terminals/Silver Plate Contacts Standard SL Series

2 TO 10 POSITIONS

CONTACT ARRANGEMENT



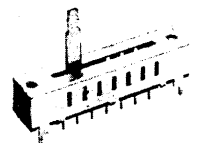
Model	Type	Dim. A	Dim. B	Dim. C	Knob Model	Description	Dim. D	Dim. E
SL220	2 Positions	.95(24.13)	.750(19.05)	.750(19.05)	KSS10A	Aluminum-Clear Anodize	.270(6.86)	.500(12.70)
SL330	3 Positions	1.11(28.19)	.910(23.1)	.910(23.1)	KSS10B	Aluminum-Black Anodize	.270(6.86)	.500(12.70)
SL550	5 Positions	1.42(36.07)	1.22(30.99)	1.22(31.1)	KSS20A	Aluminum-Clear Anodize	.305(7.75)	.512(13.00)
SL660	6 Positions	1.58(40.13)	1.38(35.05)	1.38(35.1)	KSS20B	Aluminum-Black Anodize	.305(7.75)	.512(13.00)
SL770	7 Positions	1.74(44.20)	1.54(39.12)	1.54(39.1)				
SL880	8 Positions	1.89(48.01)	1.70(43.18)	1.70(43.1)				
SL1000	10 Positions	2.21(56.13)	2.01(51.05)	2.01(51.5)				



SL660
(with KSS KNOB)



SL550



SL770

Need more technical information?

Consult your local Augat sales office
listed on the back cover

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AUGAT Inc.
452 John L. Dietsch Blvd.
Attleboro Falls, MA 02763 USA
(508) 699-9800 FAX (800) 533-2526

SLS/SLSA Series *Consumer Grade Slide*

MATERIAL SPECIFICATIONS:

Contacts Silver plate
Case Material Steel
Actuator Material Phenolic
Terminals/Fixed Contacts Silver plate
Terminal Seal Epoxy

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature -4°F to + 185°F (-20°C to + 85°C)
Storage Temperature -40°F to + 212°F (-40°C to + 100°C)
Solder Heat Resistance +300°C (+572°F) for 5 seconds

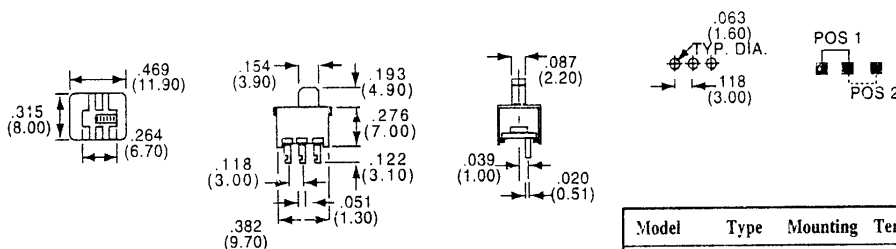
TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating 500 mA @ 125 VAC, 200 mA @ 12 VDC
Initial Contact Resistance 30 Milliohms max.
Contact Timing Break before make
Insulation Resistance 500 Megohms min.
Dielectric Strength 500 VAC
Actuation Force 150-500 Grams
Plunger/Actuator Travel:106 (2.69)
Life Expectancy 10,000 Cycles

SPDT



SLS1201

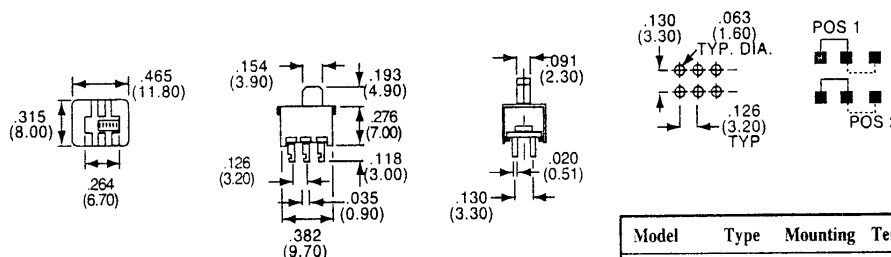


Model	Type	Mounting	Terminals Contacts
SLS1201	SPDT	Less Tabs	Lug, Silver Plated

DPDT

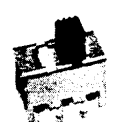


SLS2201

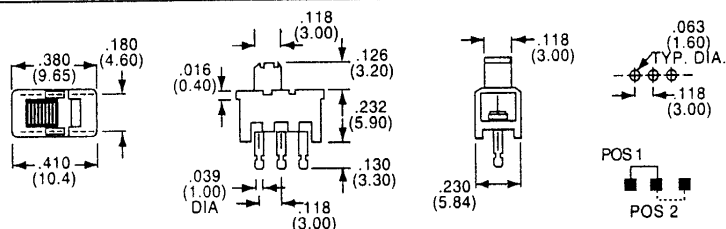


Model	Type	Mounting	Terminals Contacts
SLS2201	DPDT	Less Tabs	Lug, Silver Plated

SPDT



SLSA1201

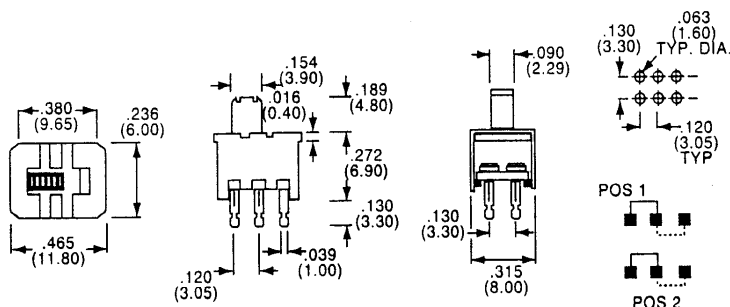


Model	Type	Mounting	Terminals Contacts
SLSA1201	SPDT	Less Tabs	Turret, Silver Plated

DPDT



SLSA2201



Model	Type	Mounting	Terminals Contacts
SLSA2201	DPDT	Less Tabs	Turret, Silver Plated

Rolling Contact/Economy Grade Miniature Slide

SLS/SLS-PC Series

MATERIAL SPECIFICATIONS:

Contacts Silver over nickel plate over copper alloy
Case Material Tin plate over steel
Actuator Material Polycarbonate
Terminals/Fixed Contacts Silver over nickel plate over copper alloy

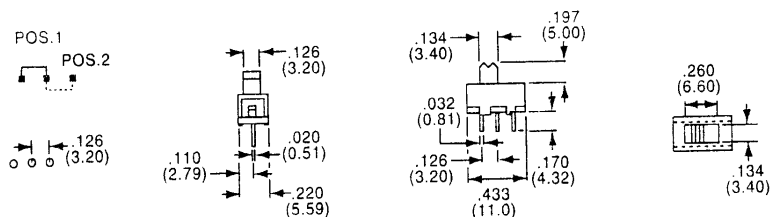
ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature 14°F to +140°F (-10°C to +60°C)
Storage Temperature 14°F to +140°F (-10°C to +60°C)

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating 250 mA @ 125 VAC, 150 mA @ 12 VDC
Initial Contact Resistance 30 Milliohms max.
Contact Timing Break before make
Insulation Resistance 500 Megohms min.
Dielectric Strength 500 VAC
Actuation Force 150 to 400 Grams
Actuator Travel 0.126" (3.20)
Life Expectancy 6,000 Cycles

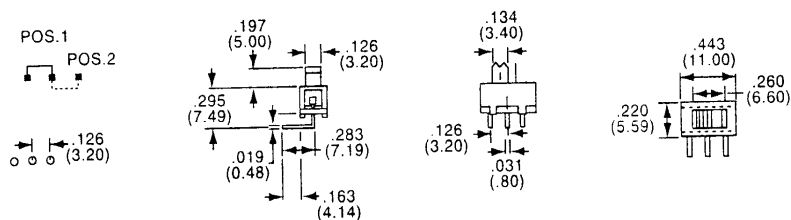
SPDT



SLS121PC

Model	Mounting
SLS121PC	Printed Circuit

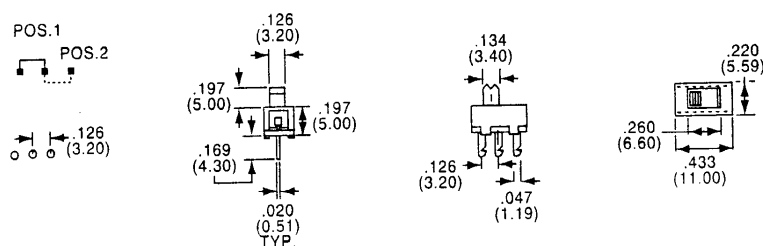
SPDT



SLS121RA

Model	Mounting
SLS121RA	Right Angle PC

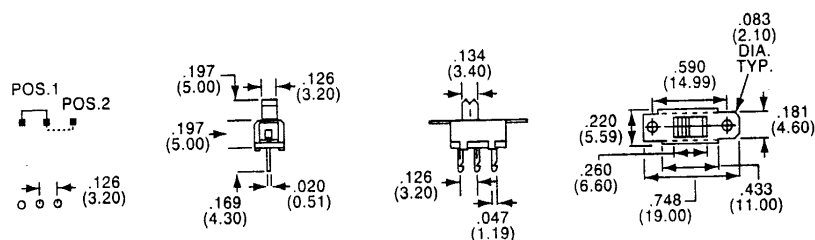
SPDT



SLS1211

Model	Mounting
SLS1211	Printed Circuit

SPDT



SLS121

Model	Mounting
SLS121	Panel Mounted

Need more technical information?

Consult your local Augat sales office
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SLS/SLS-PC Series

Rolling Contact/Economy Grade Miniature Slide

MATERIAL SPECIFICATIONS:

Contacts Silver plate
Case Material Steel
Actuator Material Polycarbonate
Terminals/Fixed Contacts Silver over nickel

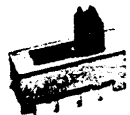
ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature +14°F to +140°F
Storage Temperature +14°F to +140°F (-10°C to +60°C)
Solder Heat Resistance +260°C for 5 seconds

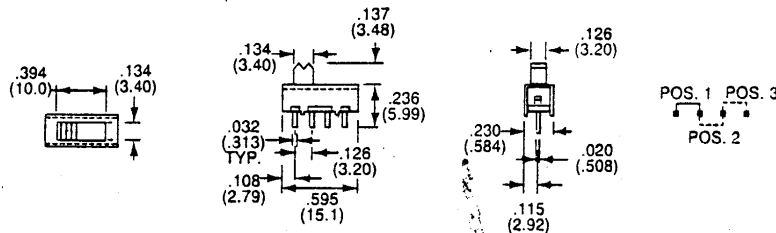
TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating 4 VA @ 20 VDC or peak AC
Initial Contact Resistance 20 Milliohms max.
Contact Timing Break-Before-Make
Insulation Resistance >50 Megohms.
Dielectric Strength 500 Volts RMS @ sea level
Actuation Force 340 ± 57 Grams
Plunger/Actuator Travel:260" to .512"
Life Expectancy >10,000 Cycles at no load

SP3T



SLS131PC

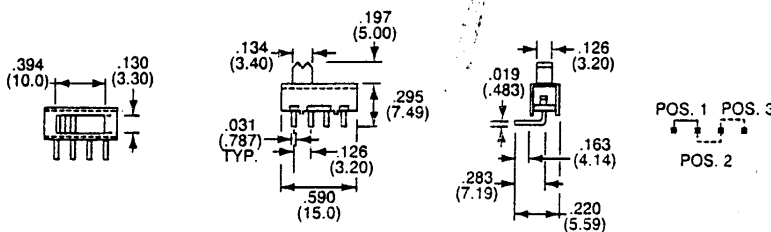


Model	Mounting
SLS131PC	Printed Circuit

SP3T

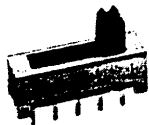


SLS131RA

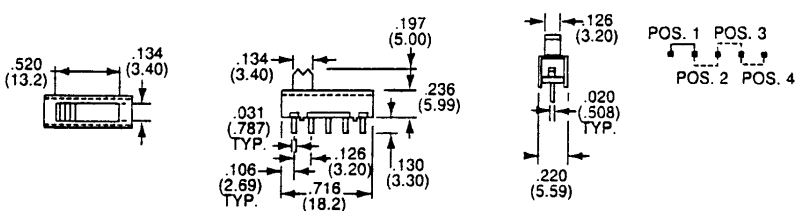


Model	Mounting
SLS131RA	Right Angle PC

SP4T

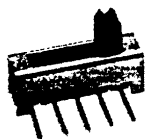


SLS141PC

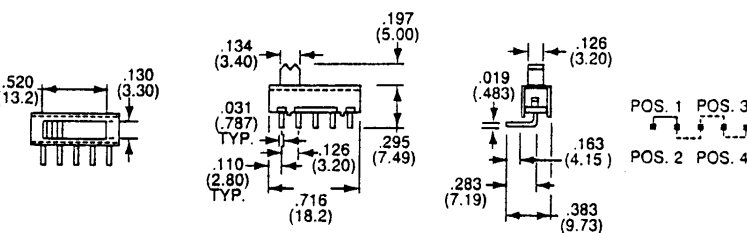


Model	Mounting
SLS141PC	Printed Circuit

SP4T



SLS141RA

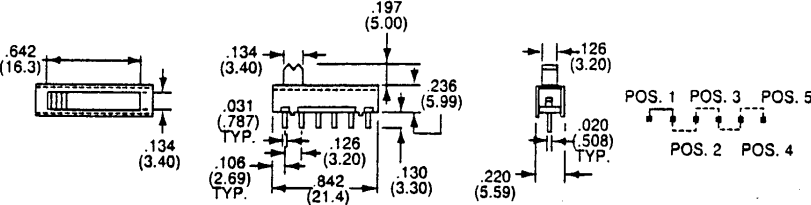


Model	Mounting
SLS141RA	Right Angle PC

SP5T

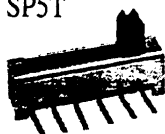


SLS151PC

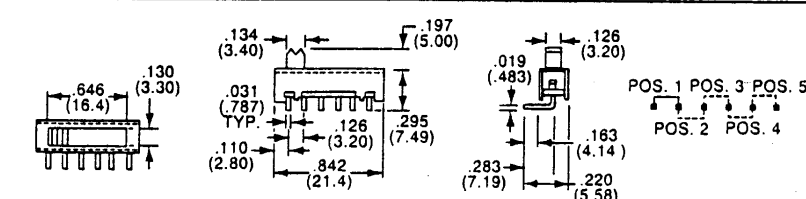


Model	Mounting
SLS151PC	Printed Circuit

SP5T



SLS151RA



Model	Mounting
SLS151RA	Right Angle PC