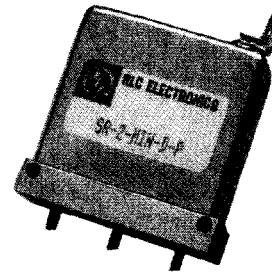


Surface Mount Coaxial Switches



This RLC Electronics Surface Mount Coaxial Switch is a single pole two position type. The switch is suitable for surface mount/drop-in

applications while maintaining the excellent electrical and mechanical characteristics of the connectorized version.

Specifications

S¹-2 MIN 2.3.4.5.6.7.8

Switch Type	Single Pole Two Position		
Frequency Range	DC-18 GHz		
Frequency (GHz)	DC-4	4-12.4	12.4-18
Insertion Loss (Max)	0.2 dB	0.3 dB	0.4 dB
VSWR (Max)	1.2:1	1.3:1	1.5:1
Isolation (Min)	60 dB	60 dB	60 dB

Power Rating, RF, Cold Switching: See page 2.

Impedance: 50 ohms.

Operating Power 25 °C:

(Failsafe): 12 Vdc at 250 ma nom.

28 Vdc at 140 ma nom. 115 Vac at 50 ma nom.

(Latching): 12 Vdc at 120 ma nom. 28 Vdc at 60 ma nom. 115 Vac at 43 ma nom. Current applied 10 ms min.; cutthroat standard, recovery time 100 ms nom.

Connectors, RF: .020 DIA Pins or Solder Tabs .050 Wide.

Connectors, Power: Feed through solder lugs.

Life: 1,000,000 operations.

Switching Time: 15 milliseconds max.

Weight: 2 oz.

Environmental Conditions: MIL-S-3928

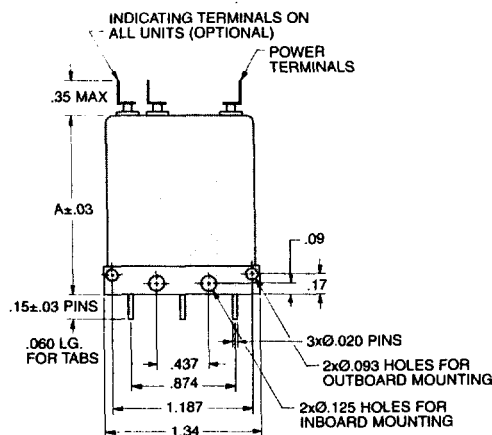
Operating Mode: Manual failsafe or latching.

Switching Sequence: Break before make.

To designate the switch desired use:

- (1) "M" for Manual, "R" for Remote.
- (2) "Min" for outboard mountings or "Minin" for inboard mountings.
- (3) "A" for 115 Vac, "D" for 28 Vdc or "H" for 12 Vdc.
- (4) "I" for Indicators if desired.
- (5) "L" for latching cutthroat if desired.
- (6) "TL" for TTL Driver if desired.
- (7) "Arc" for Arc Suppression diodes. N/A for TTL and Latching.
- (8) "P" for pins, "TAB" for tabs.

Example: SR-2 min-D-P is a remote, outboard mounting, 28 Vdc, failsafe switch with pin connectors.



MODEL NO.	A
SR-2 Min-D	1.18
SR-2 Min-D-I	1.59
SR-2 Min-D-L	1.80
SR-2 Min-D-I-L	1.81
SR-2 Min-D-TL	1.85
SR-2 Min-D-I-TL	1.85
SR-2 Min-D-I-L-TL	1.81
Add to Above For 115 VAC	.42
2 Minin and 2 Min-H Units same as 2 Min	
Width of all units .50 in	

Tolerances unless otherwise specified are: .xx, ± .02; .xxx, ± .005.

Specials requiring closer tolerances, different frequency ranges, special connectors, different materials, finishes, etc., can be furnished upon request. Specifications subject to change without notice.

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