

75 OHM Terminated Multi-Position Coaxial Switches (3 to 10 Position)



RLC Electronics' 75 ohm, Terminated, 3-10 Multi-Position Coaxial Switch line provides proven reliability, long life and outstanding electrical performance. These switches offer electrical characteristics featuring extremely low insertion loss and high

isolation over the entire DC-2 GHz range and are useable beyond 2.5 GHz. These switches are available in remote failsafe or latching operation. Standard RF power rating is 1 watt cw limited by the termination.

Specifications

STR 75-1-2-3-4-5

Model Number	Frequency (DC - 2 GHz)	Insertion Loss (dB) (Max.)	VSWR (Max.)	Isolation (dB) (Max.)
STR-75-	DC - 1	20	1.2	60
	1 - 2	30	1.3	60

Power Rating: 1 watt average

Impedance: 75 ohms

Operating Power 25°C (ma nominal):

(Failsafe): 3-6 position 7-10 position

12 Vdc at 600 ma 12 Vdc at 325 ma

28 Vdc at 260 ma 28 Vdc at 190 ma

(Latching): 3-6 position 7-10 position

12 Vdc at 480 ma 12 Vdc at 480 ma

28 Vdc at 280 ma 28 Vdc at 280 ma

Cutthroat circuitry (standard), recovery time 100 ms nominal

Connectors, RF: 75 ohm SMC jack

Life: 1,000,000 operations

Switching Time: 25 ms max (Failsafe)

125 ms (Latching)

Weight: Approximately 20 oz.

Environmental Conditions: MIL-S-3928

Operating Mode: Failsafe or Latching

Switching Sequence: Break before make

To designate the switch desired use:

(1) '3' thru '10' for number of positions

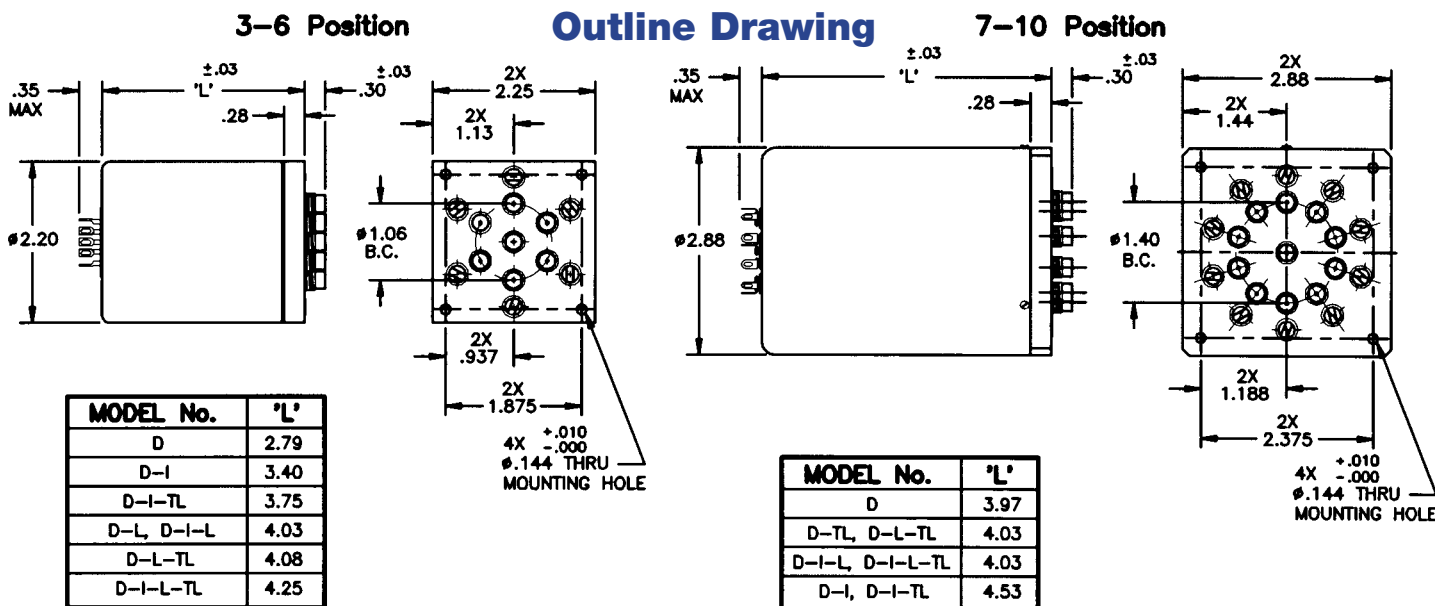
(2) 'H' for 12 Vdc or 'D' for 28 Vdc

(3) 'I' for indicators if desired

(4) 'L' for latching cutthroat if desired

(5) 'TL' for TTL Driver if desired

Example: STR75-10-D is a SP-10T, 28 Vdc, Terminated, failsafe switch



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



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