

Micro Miniature SMA Transfer Switches



RLC Electronics' Micro Miniature SMA Transfer Switch is a compact design. The switch incorporates SMA connectors to allow high-density packaging and excellent electrical performance through 26.5 GHz.

The switch is available in failsafe and latching configurations with a choice of three different frequency ranges and three different coil voltages.

Specifications SR-Tmin-min-R-1-2-3

Switch Type	TRANSFER			
Frequency (GHz)	DC-8	8-12.4	12.4-18	18-26.5
Insertion Loss (dB Max)	0.3	0.5	0.7	0.8
VSWR (Max)	1.35	1.6	1.7	1.8
Isolation (dB Min)	70	60	50	40

Power Rating, RF Cold Switching: See catalog

Impedance: 50 ohms

Operating Power 25 deg C (mA nominal):

(Failsafe): 5 vdc at 440 mA

12 vdc at 185 mA, 28 vdc at 108 mA

(Latching): 5 vdc at 500 mA

12 vdc at 210 mA, 28 vdc at 122 mA

Connectors, SMA female

Power Connections: 0.018 dia. pins

Life: 1,000,000 operations

Switching Time: 15 milliseconds max.

Weight: 1.3 oz.

Environmental Conditions: MIL-DTL-3928

Operating Mode: Failsafe or Latching

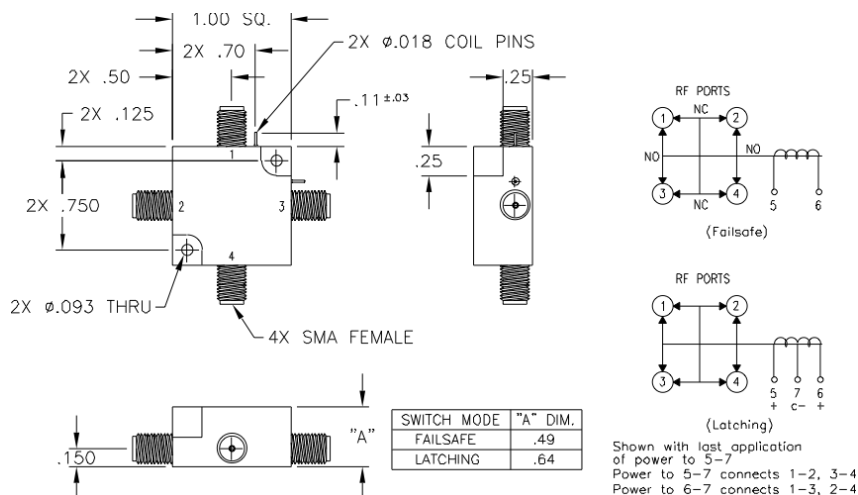
Switching Sequence: Break before make

To designate the switch desired use:

- (1) "E" for 5 volt coil "H" for 12-15 volt coil "D" for 24-28 volt coil
- (2) "8" for DC-8 GHz "18" for DC-18 GHz "26" for DC-26.5
- (3) "L" for pulse latching if desired

Example: SR-TMIN-MIN-R-D-26-L is a 24-28vdc, DC-26.5 GHz, Latching switch

OUTLINE DRAWING



Specifications subject to change without notification.

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.



RLC ELECTRONICS, INC.

83 Radio Circle, Mount Kisco, New York 10549 Telephone 914-241-1334 Fax 914-241-1753

e-mail: sales@rlcelectronics.com www: www.rlcelectronics.com