



Elite CR-38

Multi-Throw DC-22GHz

Normally Open

The CR-38 Switch is a broadband, multi-throw, electromechanical coaxial switch designed to switch a microwave signal from a common input to any of 3, 4, 5, or 6 outputs. The characteristic impedance is 50 Ohms. The switches are small using the popular connector spacing on a 1.062" dia. circle. Each position has an individual actuator mechanism allowing random position selection. This also gives the minimum switching time.

Specifications

RF Contacts: Break before make

Actuator	Voltage (VDC) 20°C	12	15	28
	Current (mA)	170	136	140

Switching Time: 15 msec max

Connectors: SMA (f)

Weight: 6 oz. max

Temperature Range: -55°C to +85°C (Operating)

Shock: MIL-STD-202 Method 213, Condition D (500G Non Operating)

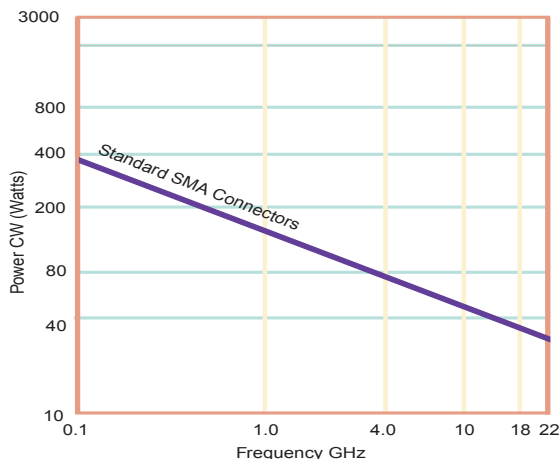
Vibration: MIL-STD-202 Method 214, Condition D (10G RMS Non Operating)

Humidity: Moisture Seal Available

MTBF: 6.5 Million Hours (MIL-HDBK-217F Fixed, 25°C, <1 Cycle per hour)

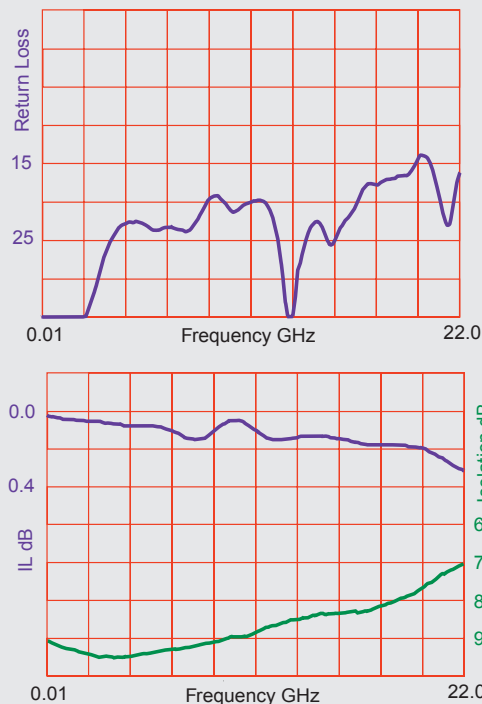
With the normally open actuator, all paths are open when the switch is de-energized.

RF Power Handling



Specifications	DC-6 GHz	6-12 GHz	12-18 GHz	18-22 GHz
VSWR (max)	1.25:1	1.40:1	1.50:1	1.80:1
Insertion Loss (min)	0.20 dB	0.40 dB	0.50 dB	0.60 dB
Isolation (max)	70.0 dB	60.0 dB	60.0 dB	50.0 dB

Typical Performance



TELEDYNE
COAX SWITCHES

Specifications subject to change without notice.

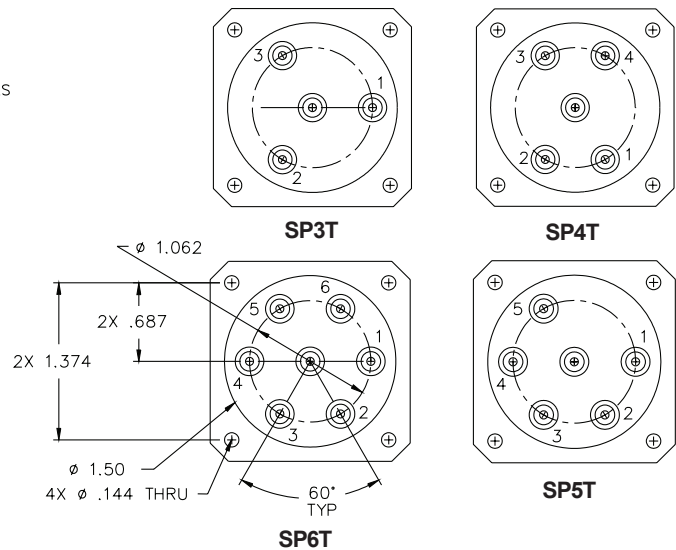
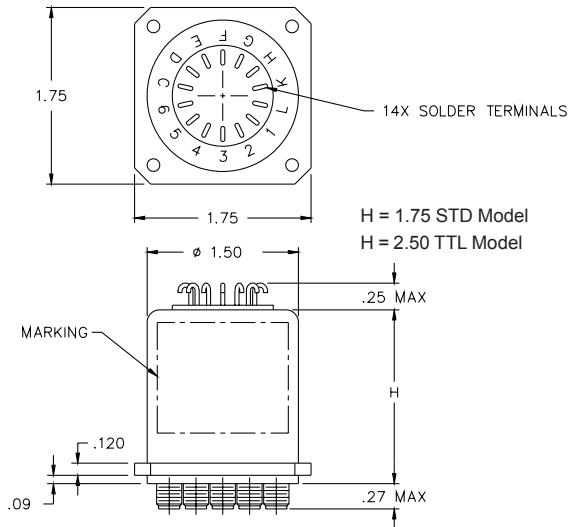
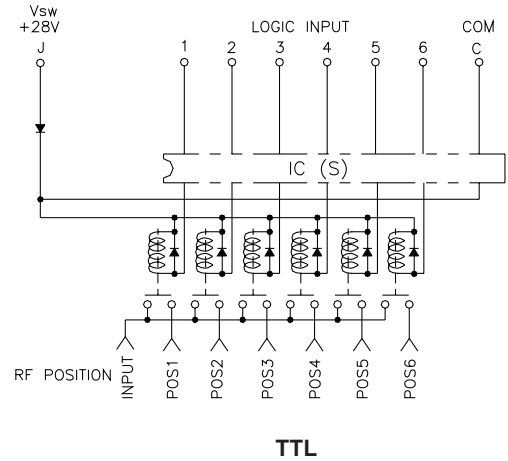
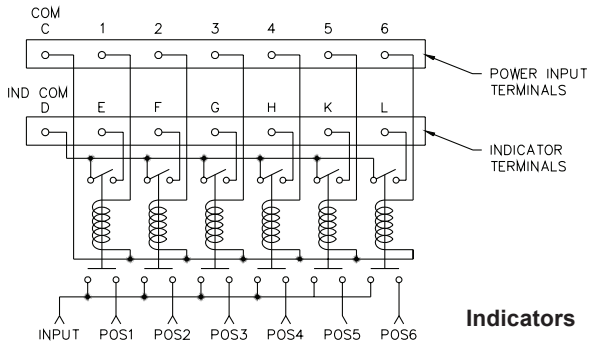
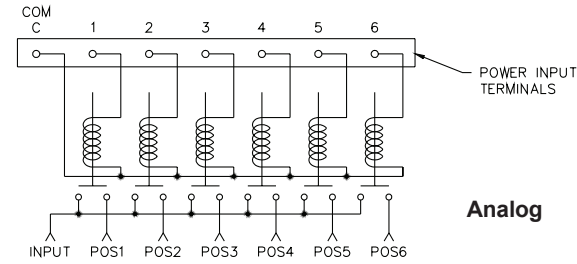
www.teledynecoax.com
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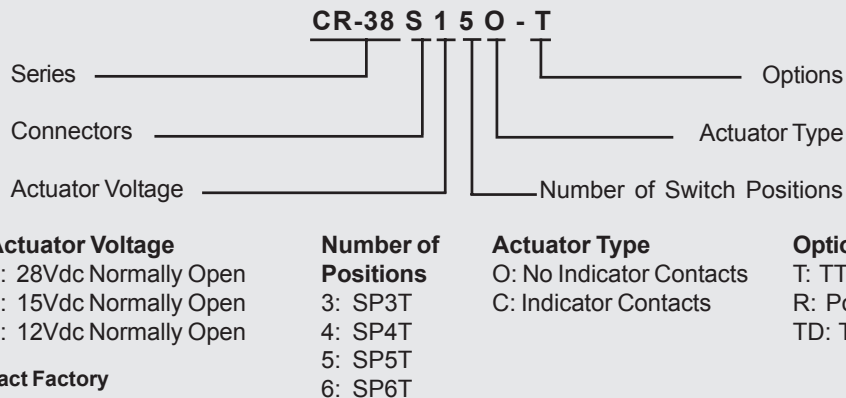
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Part Numbering System for CR-38 (Normally Open)



For other options contact Factory



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www.teledynecoax.com
email: coax@teledyne.com

Tel: (800) 351-7368

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Authorized Distributor

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