



- DC-2 GHz
- DC-6 GHz
- DC-12.4 GHz
- Medium/High Power
- 1M Life Cycles

RF Characteristics

Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)
DC-4	1.25	70	0.30
4-8	1.35	60	0.40
8-12.4	1.70	55	0.70

Note: Performance applies to N and TNC type connectors. Consult with factory for other performances.

Specifications

Operating Voltage:

- 12 Vdc (11-14 Vdc)
- 24 Vdc (20-28 Vdc)
- 28 Vdc (24-32 Vdc)

Coil Current (max. @ nom. Vdc & 25°C)*:

- 12 Vdc 550 mA
- 24 Vdc 275 mA
- 28 Vdc 240 mA

Switching Time:

20 ms maximum

Operating Temperature:

- 25°C to +65°C (Standard)
- 55°C to +85°C (Extended "T" Option)

Mechanical Life, Cycles:

1,000,000 minimum

Vibration, Operating:

10G RMS, 20-2000 Hz

Mechanical Shock, Non-Operating:

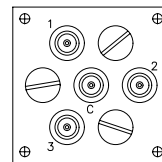
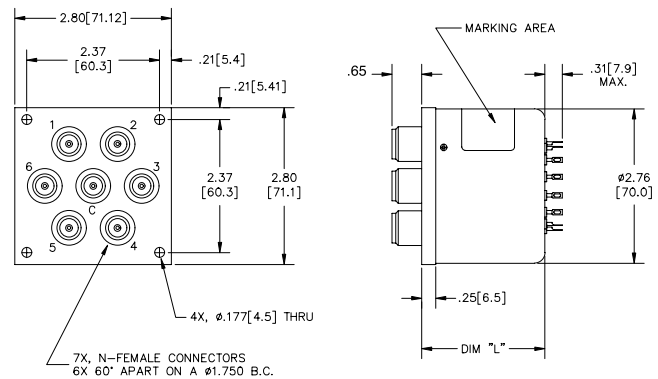
50G, 1/2 Sine, 11 ms

Nominal Weight*:

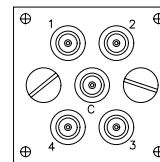
22.0 oz. (624 g.)

* Performance and weight varies depending on selected options.

Mechanical



3 POSITION



4 POSITION

DIM "L" (MAX)	MODEL	ELEC. SCHEM.
2.20 [55.9]	5X1-4X01	1
2.95 [74.9]	5X1-4X0122	1
2.95 [74.9]	5X1-4X0102A	2
2.95 [74.9]	5X1-4X0122A	2

561-430122A Shown

For Electrical Schematic, see page # 3-21

Part Number Selector

561 J - 4 2 01 02 A - ROHS

Family	Special Options	Actuator	Coil Voltage	Connectors	Indicators	Circuit Options
531 = SP3T	A = High Power	4 = Latching Self Cutoff	2 = 12 Vdc	01 = N Female	02 = No Indicators*	A = TTL High
541 = SP4T	C = Mounting Bracket		3 = 28 Vdc	02 = BNC Female	22 = SPST Indicators	
561 = SP6T	J = 9 or 15 Pin 'D' Connector		8 = 24 Vdc	03 = TNC Female		
	P = Power Plug		9 = 15 Vdc	53 = SC Female		
	R = (-) Com				*Declared only with	
	S = Epoxy Seal				Circuit Options	
	T = -55° to +85° C					
	W = Low PIM					

Note: TTL option includes suppression diode. Other options may be available and all combinations may not be possible. Please consult with factory.