

RF Characteristics



- DC-18 GHz
- DC-26.5 GHz
- Low/Medium Power
- 1M Life Cycles

Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)
DC-4	1.20	80	0.20
4-8	1.30	70	0.30
8-12.4	1.40	65	0.40
12.4-18	1.50	60	0.50
*18-26.5	1.80	55	0.80

*Performance varies depending on selected options

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 365 mA
- 28 Vdc 210 mA
- 28 Vdc 170 mA

Switching Time:

15 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:

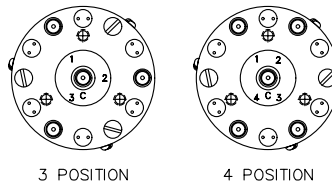
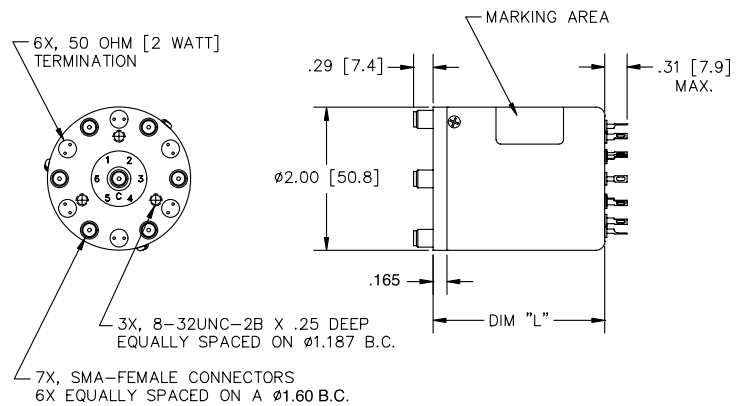
50G, 1/2 Sine, 11 ms

Nominal Weight*:

10.0 oz. (284 g.)

* Performance and weight varies depending on selected options.

Mechanical



DIM "L" (MAX)	MODEL	ELEC. SCHEM.
2.70 [68.6]	4X1-5X0803	3
2.70 [68.6]	4X1-5X0823	3
2.70 [68.6]	4X1-5X0803A	4
3.00 [76.2]	4X1-5X0823A	4

461-530823 Shown

For Electrical Schematic, see page # 3-20

Part Number Selector

Family	Special Options	Actuator	Coil Voltage	Connectors	Indicators	Circuit Options
431 = SP3T	C = Mounting Bracket	5 = Normally Open	2 = 12 Vdc	08 = SMA Female	03 = No Indicators	A = TTL High
441 = SP4T	J = 9 or 15 Pin 'D' Connector	9 = Normally Open Suppression	3 = 28 Vdc		2W Terminations	L = TTL Low
461 = SP6T	K = 26.5 GHz	Diodes	8 = 24 Vdc		23 = SPST Indicators	
	L = Flange Mount		9 = 15 Vdc		2W Terminations	
	P = Power Plug					
	R = (-) Com*	* Only available with N.O.				
	S = Epoxy Seal	Suppression Diodes				
	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.