



- DC-18 GHz
- DC-26 GHz
- Low/Medium Power
- 1M Life Cycles

RF Characteristics

Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)
DC-4	1.20	80	0.20
4-8	1.30	75	0.30
8-12.4	1.40	70	0.40
12.4-18	1.50	60	0.50
18-26	1.70	55	0.70

Note: Performance may vary 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 440 mA
- 24 Vdc 225 mA
- 28 Vdc 190 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:

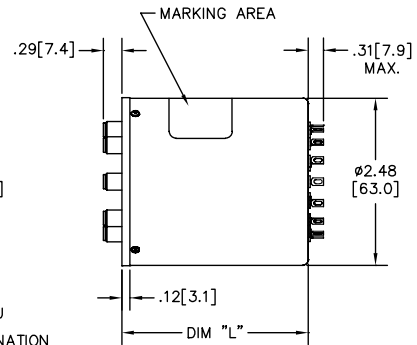
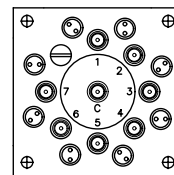
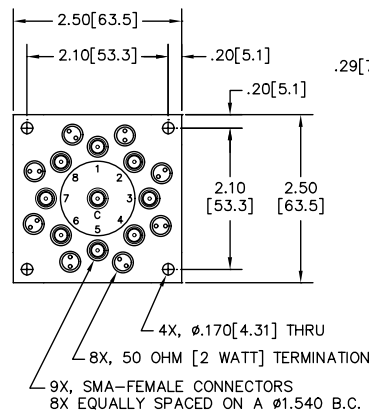
50G, 1/2 Sine, 11 ms

Nominal Weight:

18.0 oz. (510 g.)

* Performance and weight varies depending on selected options.

Mechanical



DIM "L" (MAX)	MODEL	ELEC. SCHEM.
2.40[61.0]	5Y1-4X0803	3
2.80 [71.1]	5Y1-4X0823	3
2.80 [71.1]	5Y1-4X0803A	4
2.80 [71.1]	5Y1-4X0823A	4

581-430823 Shown

For Electrical Schematic, see page # 3-21

Part Number Selector

581 J - 4 2 08 03 A - ROHS

Family	Special Options	Actuator	Coil Voltage	Connectors	Indicators	Circuit Options
571 = SP7T	J = 9 or 26 Pin 'D' Connector	4 = Latching Self Cutoff	2 = 12 Vdc	06 = GPO Male	03 = No Indicators	A = TTL High
581 = SP8T	K = 26 GHz		3 = 28 Vdc	08 = SMA Female	2W Terminations	N = CANBus
	P = Power Plug		8 = 24 Vdc		23 = SPST Indicators	
	R = (-) Com		9 = 15 Vdc		2W Terminations	
	S = Epoxy Seal				53 = Indicators	
	T = -55° to +85° C				2W Terminations*	

* Only used with CANBus Option

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