



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

RF Characteristics

Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)
DC-4	1.30	70	0.30
4-8	1.40	65	0.41
8-12	1.60	60	0.60
12-18	2.00	55	1.00

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 300 mA
- 24 Vdc 160 mA
- 28 Vdc 135 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:

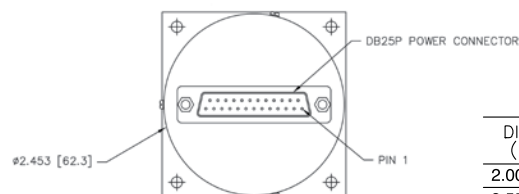
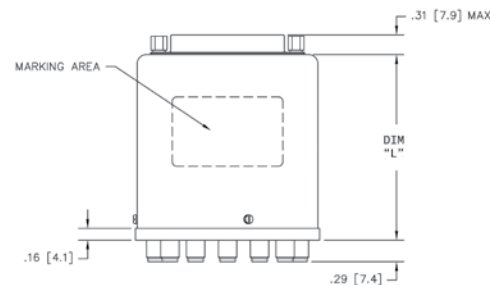
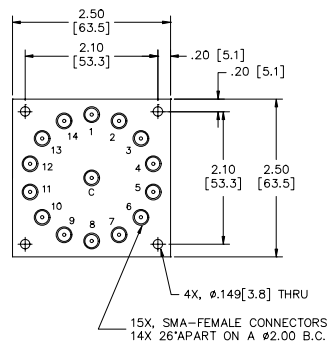
50G, 1/2 Sine, 11 ms

Nominal Weight*:

20.0 oz. (198 g.)

* Performance and weight varies depending on selected options.

Mechanical



DIM "L" (MAX)	MODEL	ELEC. SCHEM.
2.00 [50.8]	5E1J-5X08	1
2.55 [64.8]	5E1J-5X0802A	2

5E1J-5X0802A Shown

For Electrical Schematic, see page # 3-20

Part Number Selector

5E1 J - 5 2 08 02 A - ROHS

Family	Special Options	Actuator	Coil Voltage	Connectors	Indicators	Circuit Options
5E1 = SP14T	J = 15 or 25 Pin 'D' Connector S = Epoxy Seal T = -55° to +85° C	5 = Normally Open 9 = Normally Open Suppression Diodes	2 = 12 Vdc 3 = 28 Vdc 8 = 24 Vdc 9 = 15 Vdc	08 = SMA Female	02 = No Indicators* *Declared only with Circuit Options	A = TTL High E = BCD decoding

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