



- DC-18 GHz
- DC-26.5 GHz
- DC-40 GHz
- Low/Medium Power
- 1M Life Cycles

## RF Characteristics

Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)
DC-4	1.20	70	0.20
4-8	1.30	65	0.30
8-12.4	1.40	65	0.40
12.4-18	1.50	60	0.50
*18-26.5	1.80	50	0.80

\* Performance varies depending on selected options

For DC-40 GHz switches contact the factory

## 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 335 mA  
24 Vdc 190 mA  
28 Vdc 160 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:

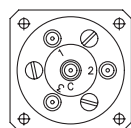
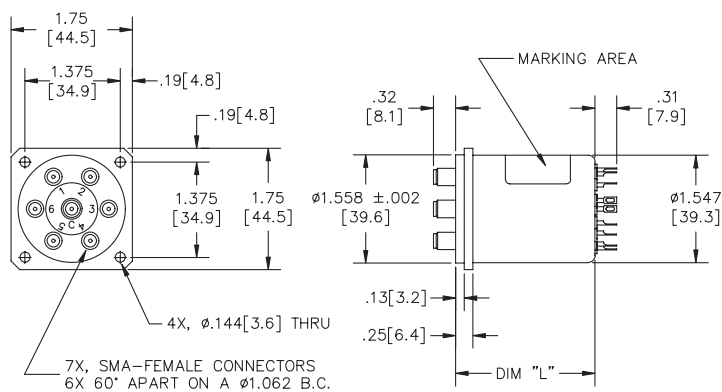
30G, 1/2 Sine, 11 ms

### Nominal Weight\*:

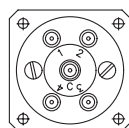
4.0 oz. (113 g.)

\* Performance and weight varies depending on selected options.

## Mechanical



3 POSITION



4 POSITION

DIM "L" (MAX)	MODEL	ELEC. SCHEM.
1.41 [35.8]	5X5-5X08	1
1.90 [48.3]	5X5-5X0822	1
1.70 [43.2]	5X5-5X0802A	2
2.10 [53.3]	5X5-5X0822A	2

565-530822 Shown

For Electrical Schematic, see page # 3-20

## Part Number Selector

Family	Special Options	Actuator	Coil Voltage	Connectors	Indicators	Circuit Options
535 = SP3T 545 = SP4T 565 = SP6T	C = Mounting Bracket J = 9 or 15 Pin 'D' Connector K = 26.5 GHz P = Power Plug R = (-) Com* S = Epoxy Seal T = -55° to +85° C Y = 40 GHz	5 = Normally Open 9 = Normally Open Suppression Diodes	2 = 12 Vdc 3 = 28 Vdc 8 = 24 Vdc	08 = SMA Female 11 = 2.9 mm (K)	02 = No Indicators** 22 = SPST Indicators	A = TTL High E = BCD Decoding L = TTL Low

\* Only available with Normally Open Suppression Diodes

\*\* Declared only with Circuit Options

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