



- DC-6.5 GHz
- DC-12.4 GHz
- Ruggedized
- 100K Life Cycles

## RF Characteristics

| Frequency GHz | VSWR (max) | Isolation dB (min) | Ins. Loss dB (max) |
|---------------|------------|--------------------|--------------------|
| DC-1          | 1.20       | 75                 | 0.20               |
| 1-4           | 1.30       | 60                 | 0.30               |
| 4-8           | 1.40       | 60                 | 0.40               |
| 8-12.4        | 1.50       | 60                 | 0.50               |

Note: RF Characteristics are for type N & TNC Female connectors. Consult Dow-Key for SC type connectors.

## Specifications

### Operating Voltage:

28 Vdc (20-30 Vdc)

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

28 Vdc 160 mA

### Switching Time:

20 ms maximum

### Operating Temperature:

-55 °C to +85°C

### Mechanical Life Cycles:

100,000 minimum

### Vibration, Operating:

20g's sine/random

### Mechanical Shock, Non-Operating:

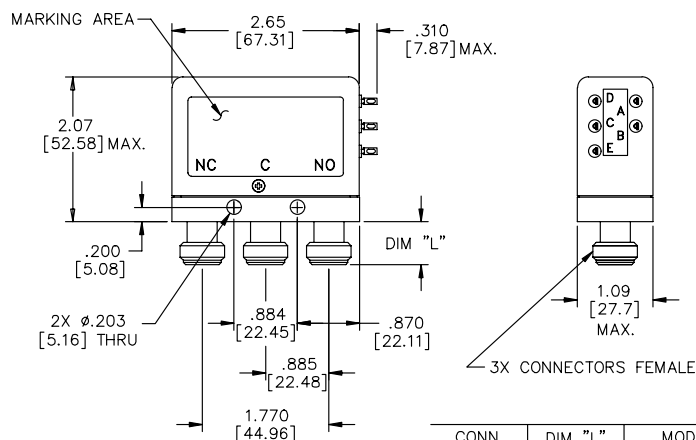
50G, 1/2 Sine, 11 ms

### Nominal Weight\*:

8.5 oz. (241 g.)

\* Performance and weight varies depending on selected options.

## Mechanical

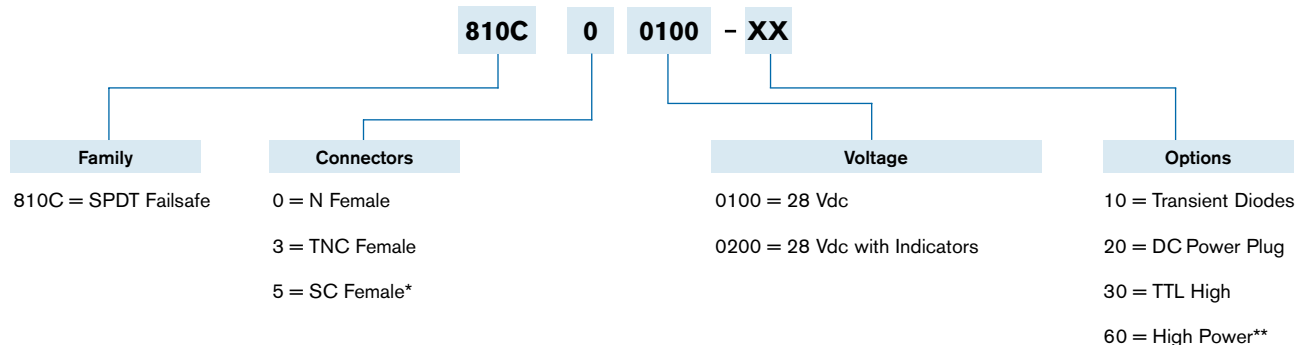


| CONN.     | DIM "L" (MAX) | MODEL     | ELEC. SCHEM. |
|-----------|---------------|-----------|--------------|
| N CONN.   | .60 [15.25]   | 810C00100 | 3            |
| N CONN.   | .60 [15.25]   | 810C00200 | 3            |
| TNC CONN. | .56 [14.23]   | 810C30100 | 3            |
| TNC CONN. | .56 [14.23]   | 810C30200 | 3            |

810C00200 Shown

For Electrical Schematic, see page # 1-17

## Part Number Selector



\*Consult Dow-Key for dimensions

\*\* See Power Chart on page # iii