MINIATURE COAXIAL SWITCH
537-567 Normally Open | SMA

RF Characteristics

<table>
<thead>
<tr>
<th>Frequency GHz</th>
<th>VSWR (max)</th>
<th>Isolation dB (min)</th>
<th>Ins. Loss dB (max)</th>
<th>RF Power Watts (CW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC-1</td>
<td>1.10</td>
<td>85</td>
<td>0.10</td>
<td>100</td>
</tr>
<tr>
<td>1-4</td>
<td>1.20</td>
<td>80</td>
<td>0.20</td>
<td>50</td>
</tr>
<tr>
<td>4-8</td>
<td>1.30</td>
<td>70</td>
<td>0.30</td>
<td>35</td>
</tr>
<tr>
<td>8-12</td>
<td>1.40</td>
<td>65</td>
<td>0.40</td>
<td>25</td>
</tr>
<tr>
<td>12-18</td>
<td>1.50</td>
<td>60</td>
<td>0.50</td>
<td>10</td>
</tr>
</tbody>
</table>

Specifications

Operating Voltage:
24 Vdc (20-28 Vdc)

Coil Current (max. @ nom. Vdc & 25°C)*:
- 12 Vdc 320 mA
- 24 Vdc 160 mA
- 28 Vdc 140 mA

Switching Time:
15 ms maximum

Operating Temperature:
-55 °C to +85°C

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:
3.0 oz. (85 g.)

* Performance varies depending on selected options.

Mechanical

Part Number Selector

5X7 J - 5 2 08 02 A

Family Special Options Actuator Coil Voltage Connectors Indicators Circuit Options
537 = SP3T J = 9 Pin Micro ‘D’ Connector 5 = Normally Open 2 = 12 Vdc 08 = SMA Female 02 = No Indicator* A = TTL High
547 = SP4T S = Epoxy Seal 3 = 28 Vdc
567 = SP6T T = -55°C to +85°C 8 = 24 Vdc

* Declared only with Circuit Options