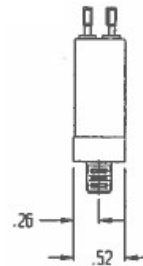
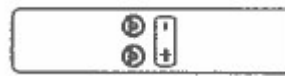
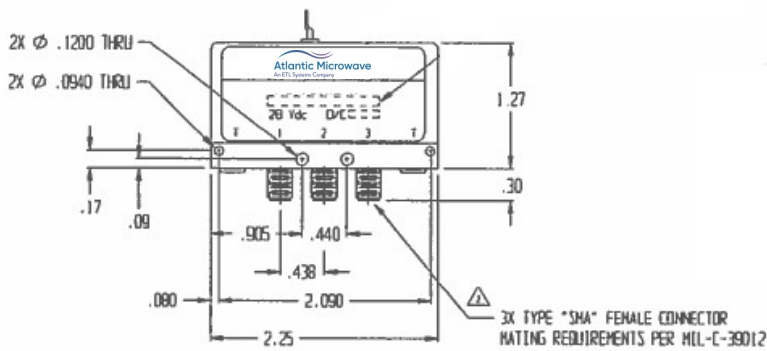


Coaxial 2P2T Relay Switch

DC - 18GHz

- Coaxial 2P2T Switch
- DC-18GHz
- Failsafe without Indicators
- SMA Connectors



Outline Drawing:
All dimensions are in inches

| RF PARAMETERS | | | | | |
|-----------------------|-----|------------|-----|--------|---------|
| Frequency Range (GHz) | | DC-4 | 4-8 | 8-12.4 | 12.4-18 |
| VSWR | Max | 1.2 | 1.3 | 1.4 | 1.5 |
| Insertion Loss (dB) | Max | 0.2 | 0.3 | 0.4 | 0.5 |
| Isolation (dB) | Min | 80 | 70 | 60 | 60 |
| Average Power (Watts) | Typ | 85 | 55 | 45 | 35 |
| Nominal Impedance | | 50Ω | | | |
| Connectors | | SMA Female | | | |

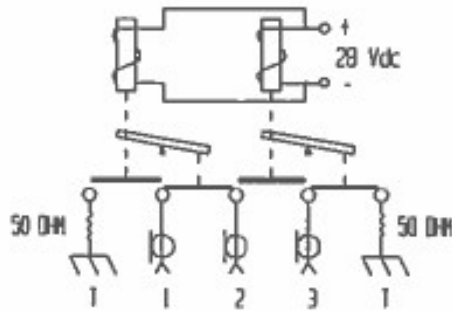
Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified.
 Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 3: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.



| CHARACTERISTICS | | |
|--------------------------------|-----|-----------------------------|
| Switching Action | | Failsafe without indicators |
| Operating Voltage (over temp.) | | 24 – 32 Vdc |
| Switching Voltage (Min @ 25°C) | | 2 Vdc |
| Actuating Current (mA Max) | | 227 @ 28 Vdc & 25°C |
| Switching time | Max | 15 msec |
| Life (Min per position) | | 1 * 10 ^ 6 Cycles |
| Weight (oz) | Nom | 2.1 |

| ENVIRONMENTAL | |
|-----------------------|------------------|
| Operating Temperature | -40°C to +85°C |
| Storage Temperature | -55°C to +100°C |
| Altitude | 30,000 Feet Max. |

SCHEMATIC DRAWING:



SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified.

Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 3: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

