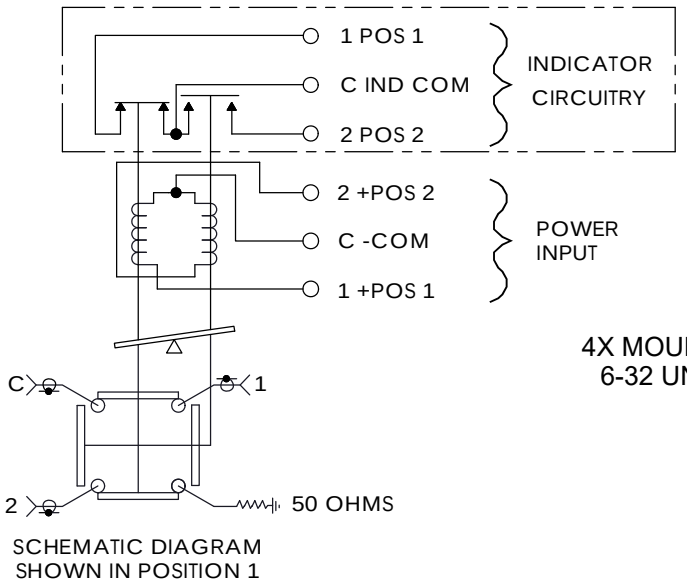
# Coaxial Switch - T_C21GNPSeries
# Terminated, SPDT, Type "N", Pulse Latching, 1 Set Indicators

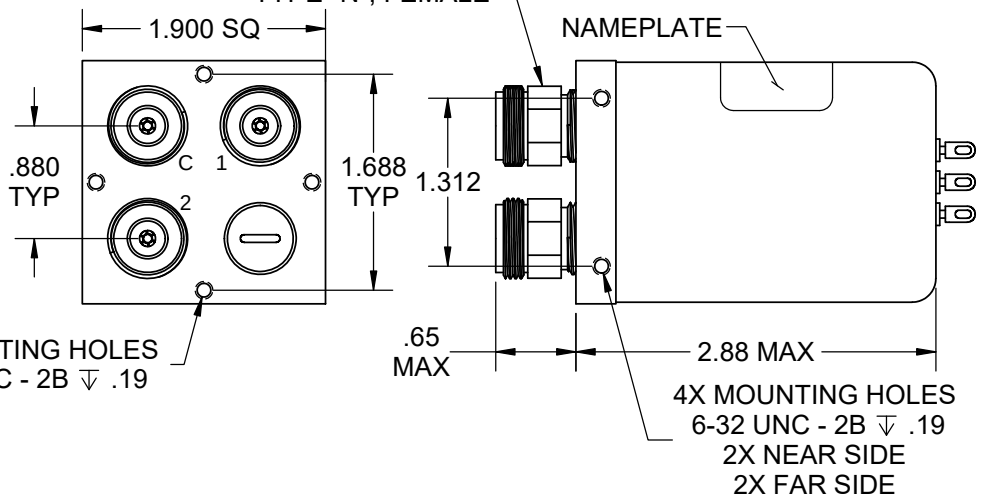
REV. A

STANDARD - 1 SET INDICATORS  OPTION A - NO INDICATORS

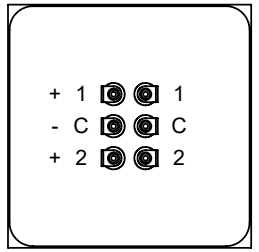



SCHEMATIC DIAGRAM
SHOWN IN POSITION 1

3X RF CONNECTORS
TYPE "N", FEMALE

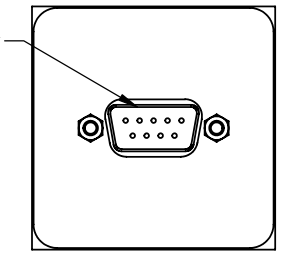



OPTION 1 - SOLDER TERMINALS




OPTION 4 - D-SUB

CONNECTOR
9 PIN MALE



| | | | |
|---|---|---|---|
| Frequency (GHz) | DC to 3 | 3 to 8 | 8 to 12.4 |
| VSWR (Max.) | 1.2:1 | 1.35:1 | 1.5:1 |
| Insertion Loss (Max.) | 0.2 dB | 0.35 dB | 0.5 dB |
| Isolation (Min.) | 80 dB | 70 dB | 60 dB |
| Power (Max.) | 300 WCW | 200 WCW | 150 WCW |

| | |
|---|---|
| Termination Power: | 1 Watt |
| RF Impedance: | 50 ohms |
| Voltage: | See Table |
| Current: | See Table |
| Switching Time: | 20 mS Max. |

| | |
|---|---|
| Material: | Aluminum (RF Assy) |
| RF Contacts: | Break Before Make |
| Finish: | Iridite per MIL-DTL-5541, Type II Class 3<br>Cover Black |

| STYLE | ENVIRONMENT | OPERATING TEMPERATURE | NON-OPERATING TEMPERATURE | HUMIDITY |
|---|---|---|---|---|
| SO | SHELTERED | 0 °C to +70 °C | -40 °C to +100 °C | 0 to 95% |
| SW | OUTDOOR | -40 °C to +85 °C | -55 °C to +100 °C | 0 to 100% |
| SA | AIRBORNE | -54 °C to +85 °C | -55 °C to +100 °C | 0 to 100% |

RoHS Compliant (except AIRBORNE)

| OPTION | VOLTAGE | CURRENT @ 20º C |
|---|---|---|
| 8 | 10 TO 14 VDC | 400 mA Max @ 12 VDC |
| 9 | 13 TO 18 VDC | 350 mA Max @ 15 VDC |
| 7 | 21 TO 28 VDC | 300 mA Max @ 24 VDC |
| 2 | 25 TO 32 VDC | 250 mA Max @ 28 VDC |

Model # ex. T[O]C21GNP [2] [A] [1]

Style | Voltage | Indicators | Interface