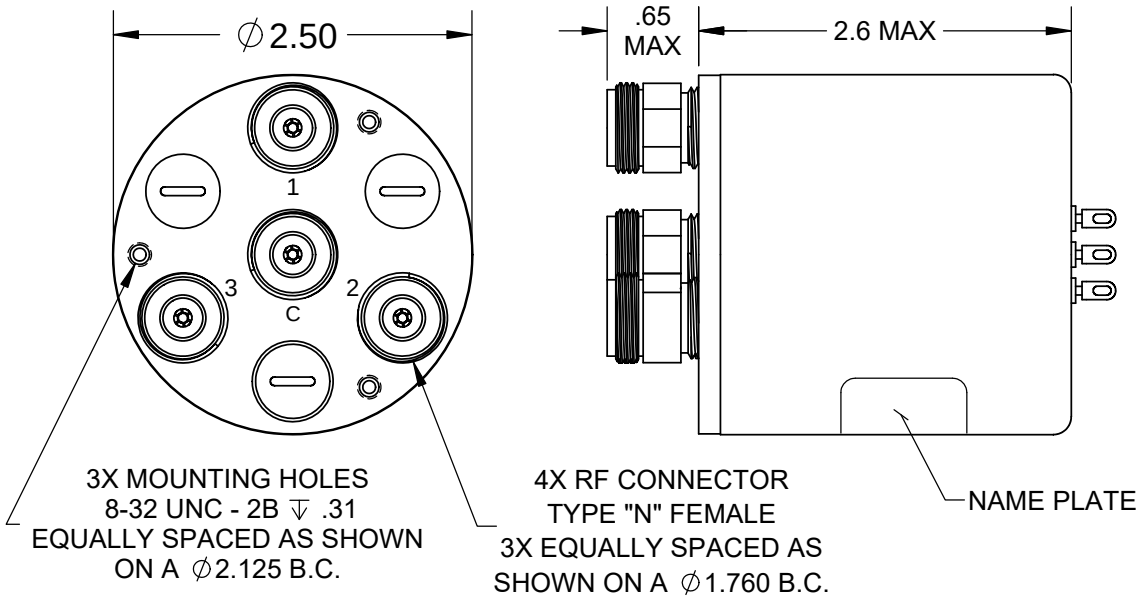
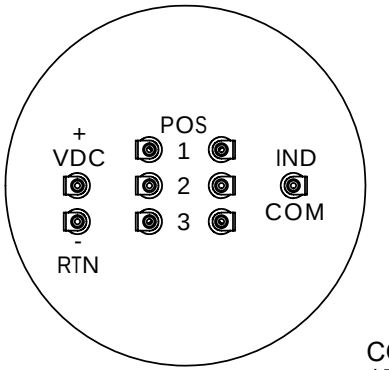
Coaxial Switch - S_TC13GNF Series
SP3T, TTL, Type "N", Normally Open, 1 Set Indicators

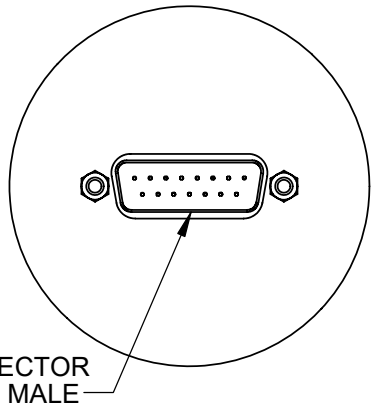
REV. A



OPTION 1 - SOLDER TERMINALS

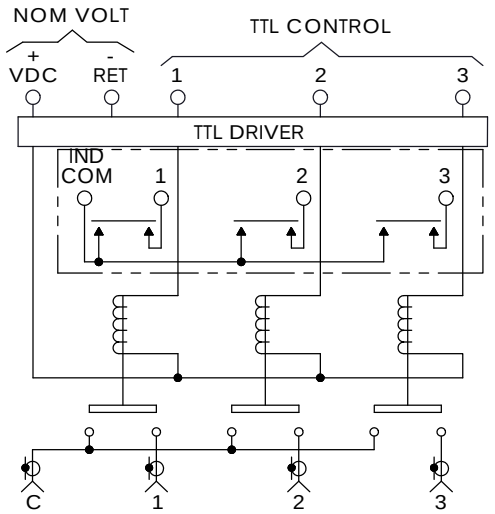


OPTION 4 - D-SUB



STANDARD - 1 SET INDICATORS

OPTION A - NO INDICATORS



SCHEMATIC SHOWN IN NORMALLY OPEN POSITION (DE ENERGIZED)

Frequency (GHz):	DC to 3.0	3.0 to 8.0	8.0 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 Min.	70 dB Min.	60 dB Min.
Power (Max):	300 WCW	200 WCW	150 WCW

RF Impedance:	50 ohms
Voltage:	See Table
Current:	See Table
TTL Logic:	
Voltage High:	2.4 to 5.5 VDC
Current High:	5 mA max. @ 5 VDC
Switching Time:	20 mS Max.

Material:	Aluminum (RF Assy)
RF Contacts:	Break Before Make
Finish:	Iridite per MIL-DTL-5541, Type II Class 3 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	11 TO 13 VDC	260 mA Max @ 12 VDC
9	14 TO 16 VDC	260 mA Max @ 15 VDC
7	22 TO 26 VDC	225 mA Max @ 24 VDC
2	26 TO 30 VDC	240 mA Max @ 28 VDC

Model # ex. S[O]TC13GNF [2] [A] [1]

Style | Voltage | Indicators | Interface