

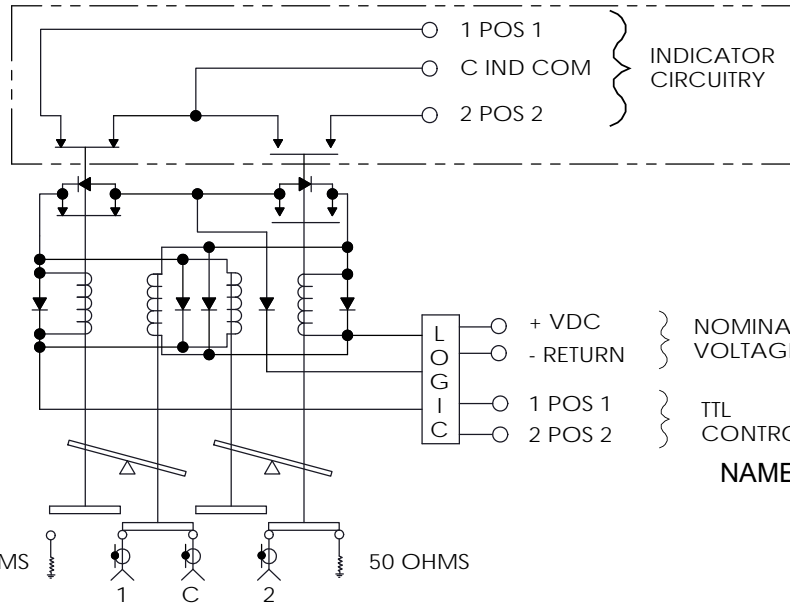


Coaxial Switch - T□ TC12GNL Series

REV. B

Terminated, SPDT, TTL, Type "N", Latching, 1 Set Indicators

STANDARD - 1 SET INDICATORS OPTION A - NO INDICATORS



SCHEMATIC DIAGRAM SHOWN IN POSITION 1

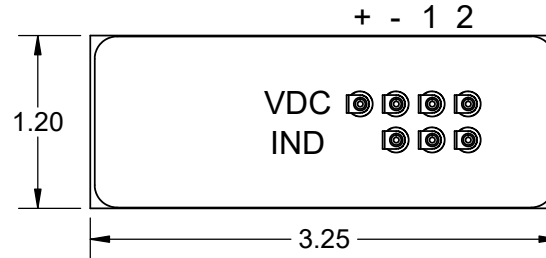
Frequency (GHz)	DC to 3	3 to 8	8 to 12.4	2X ϕ .141 THRU
VSWR (Max.)	1.2:1	1.35:1	1.5:1	
Insertion Loss (Max.)	0.2 dB	0.35 dB	0.5 dB	
Isolation (Min.)	80 dB	70 dB	60 dB	
Power (Max.)	300 WCW	200 WCW	150 WCW	

Termination: 1 Watt
 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.

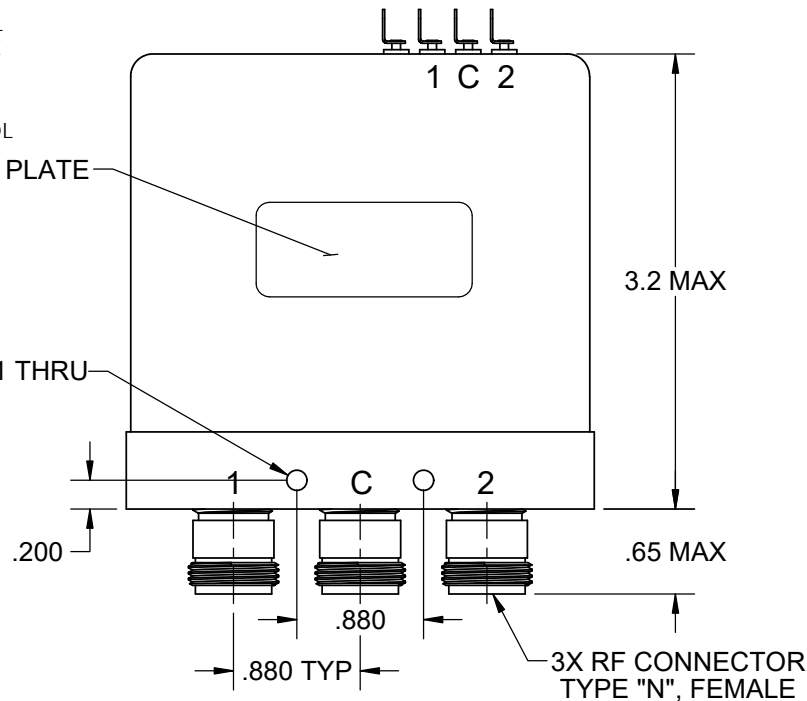
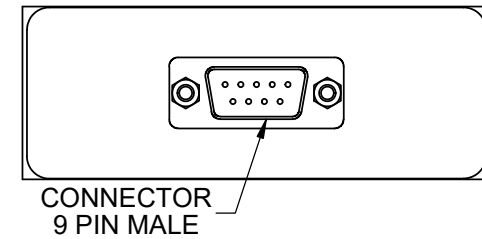
Material: Aluminum (RF Assy)
 RF Contacts: Break Before Make
 Finish: Iridite per MIL-DTL-5541, Type II Class 3
 Cover Black

STYLE	ENVIRONMENT	OPERATING TEMPERATURE	NON-OPERATING TEMPERATURE	HUMIDITY
TO	SHELTERED	0°C to +70°C	-40°C to +100°C	0 to 95%
TW	OUTDOOR	-40°C to +85°C	-55°C to +100°C	0 to 100%
TA	AIRBORNE	-54°C to +85°C	-55°C to +100°C	0 to 100%

OPTION 1 - SOLDER TERMINALS



OPTION 4 - D-SUB



OPTION	VOLTAGE	CURRENT @ 20° C
8	10 TO 14 VDC	300 mA Max @ 12 VDC
9	13 TO 18 VDC	200 mA Max @ 15 VDC
7	21 TO 28 VDC	250 mA Max @ 24 VDC
2	25 TO 32 VDC	180 mA Max @ 28 VDC

Model # ex. T□ TC12GNL [2] [A] [1]
 Style Voltage Indicators Interface