

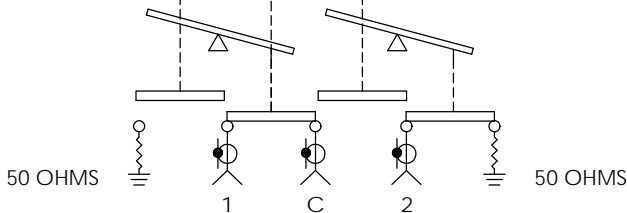
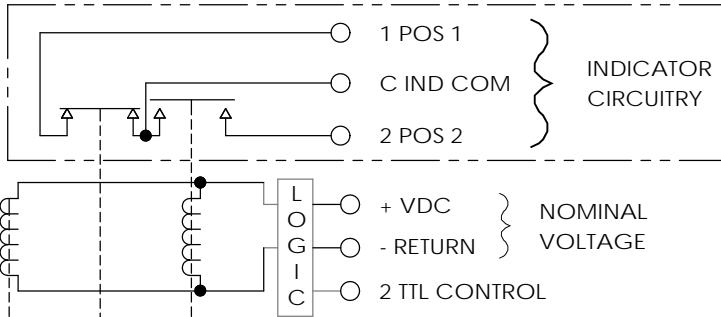


# Coaxial Switch - T□ TC12GNF Series

REV. B

## Terminated, SPDT, TTL, Type "N", Failsafe, 1 Set Indicators

STANDARD - 1 SET INDICATORS    OPTION A - NO INDICATORS



SCHEMATIC DIAGRAM SHOWN IN FAILSAFE POSITION 1

Frequency (GHz)	DC to 3	3 to 8	8 to 12.4	2X $\phi$ .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	

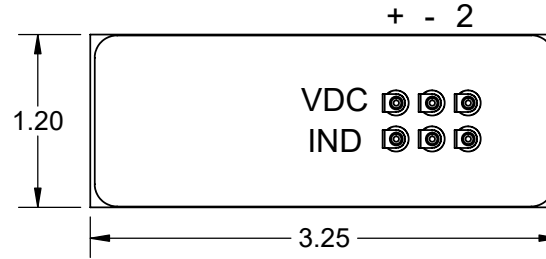
Termination: 1 Watt  
 RF Impedance: 50 ohms  
 Voltage: See Table  
 Current: See Table  
 TTL Logic:  
 Voltage High: 2.4 to 5.5 VDC  
 Current High: 5 mA max. @ 5 VDC  
 Switching Time: 20 mS Max.

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

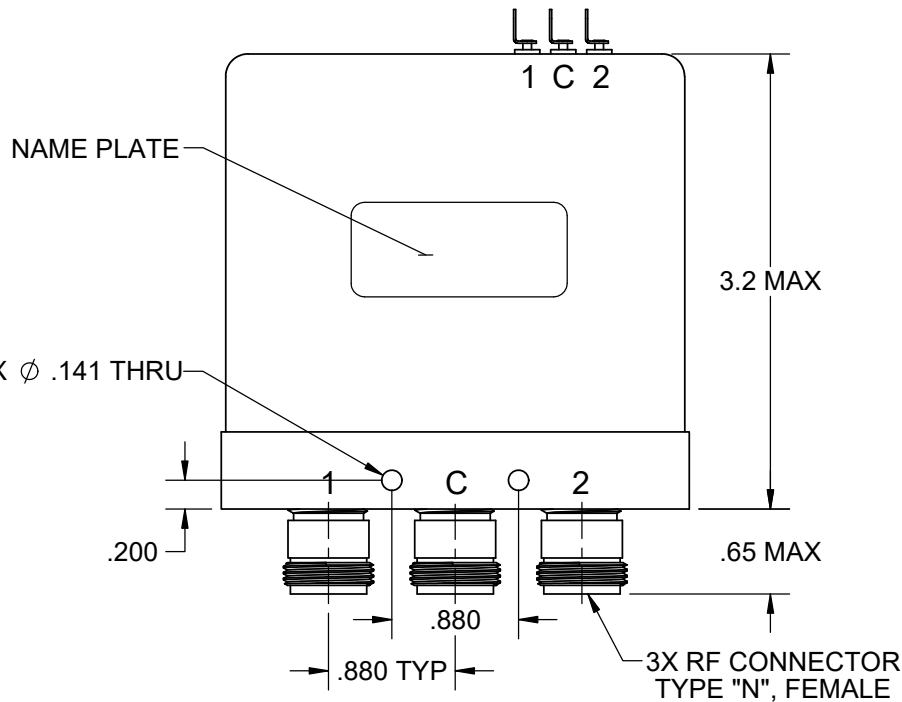
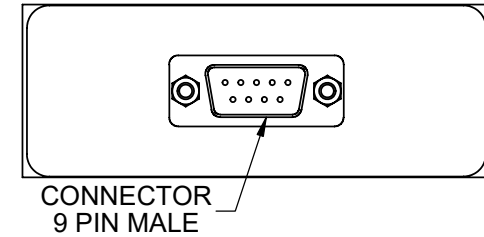
STYLE	ENVIRONMENT	OPERATING TEMPERATURE	NON-OPERATING TEMPERATURE	HUMIDITY
TO	SHELTERED	0 °C to +70 °C	-40 °C to +100 °C	0 to 95%
TW	OUTDOOR	-40 °C to +85 °C	-55 °C to +100 °C	0 to 100%
TA	AIRBORNE	-54 °C to +85 °C	-55 °C to +100 °C	0 to 100%

RoHS Compliant (except AIRBORNE)

OPTION 1 - SOLDER TERMINALS



OPTION 4 - D-SUB



OPTION	VOLTAGE	CURRENT @ 20° C
8	11 TO 13 VDC	300 mA Max @ 12 VDC
9	14 TO 16 VDC	250 mA Max @ 15 VDC
7	22 TO 26 VDC	250 mA Max @ 24 VDC
2	26 TO 30 VDC	280 mA Max @ 28 VDC

Model # ex. T□ TC12GNF [2] [A] [1]  
 Style                      Voltage Indicators                      Interface