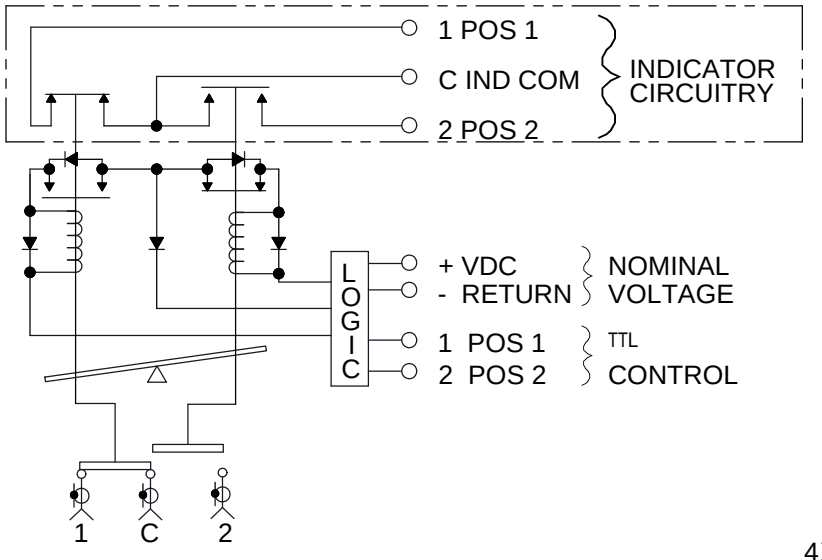
REV. A

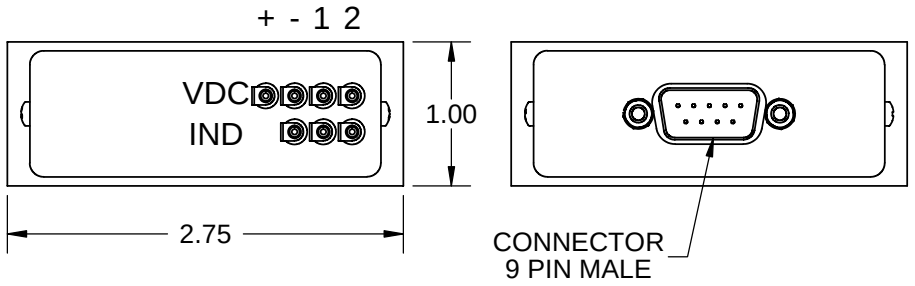
Coaxal Switch - SOTC12GNL Series
SPDT, TTL, Type "N", Latching, 1 Set Indicators

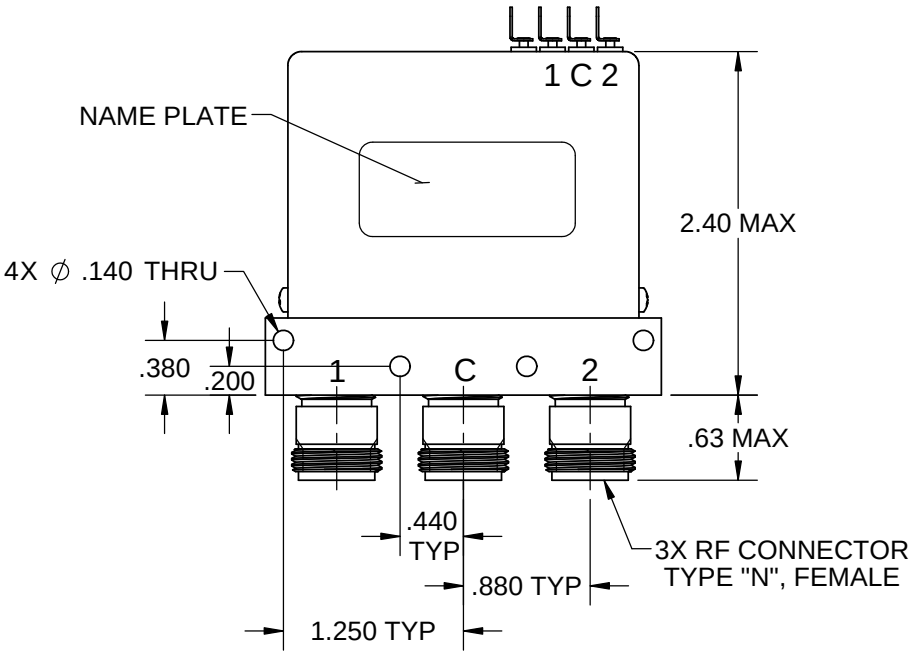
STANDARD - 1 SET INDICATORS OPTION A - NO INDICATORS



SCHEMATIC DIAGRAM SHOWN IN POSITION 1

OPTION 1 - SOLDER TERMINALS OPTION 4 - D-SUB





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

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

Temperature: Operating 0 ℃ to +70 ℃
Non-Operating -40 ℃ to +100 ℃
Humidity: 0 to 95% , No Condensation

Weatherized Available

RoHS Compliant

OPTION	VOLTAGE	CURRENT @ 20º 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. SOTC12GNL [2] [A] [1]
Voltage Indicators Interface