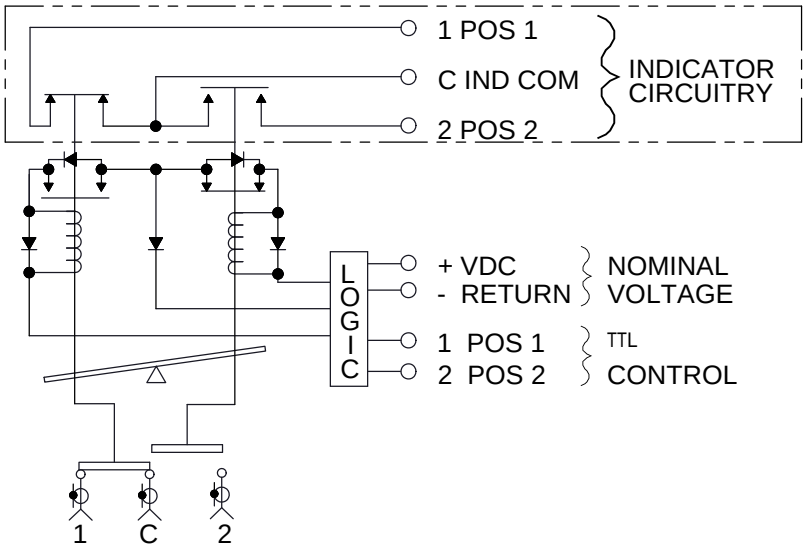
REV. A

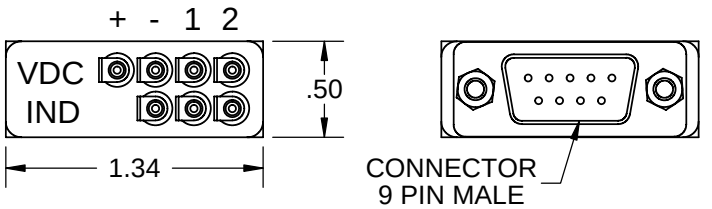
Coaxial Switch - SOTC12EML Series
SPDT, TTL, SMA, Latching, 1 Set Indicators

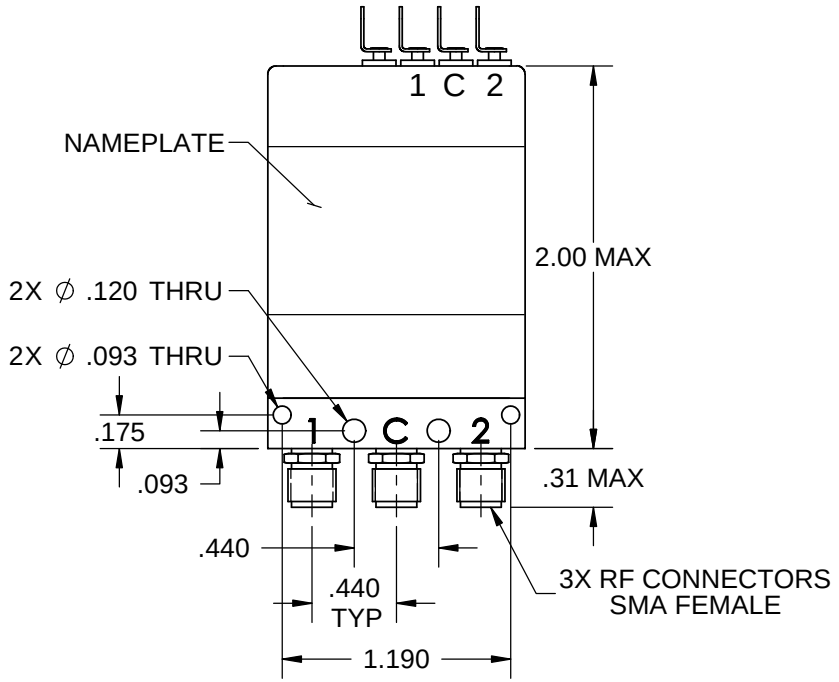
STANDARD - 1 SET INDICATORS OPTION A - NO INDICATORS



SCHEMATIC DIAGRAM SHOWN IN POSITION 1

OPTION 1 - SOLDER TERMINALS OPTION 4 - D-SUB





Frequency (GHz):	DC to 3.0	3.0 to 8.0	8.0 to 12.4	12.4 to 18.0
VSWR (Max):	1.2:1	1.3:1	1.4:1	1.5:1
Insertion Loss (Max):	0.2 dB	0.3 dB	0.4 dB	0.5 dB
Isolation (Min):	80 dB Min.	70 dB Min.	60 dB Min.	60 dB Min.
Power (Max):	100 WCW	75 WCW	60 WCW	45 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˚C to +70˚C
Non-Operating: - 40˚C to +100˚C
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. SOTC12EML [2] [A] [1]
Voltage Indicators Interface