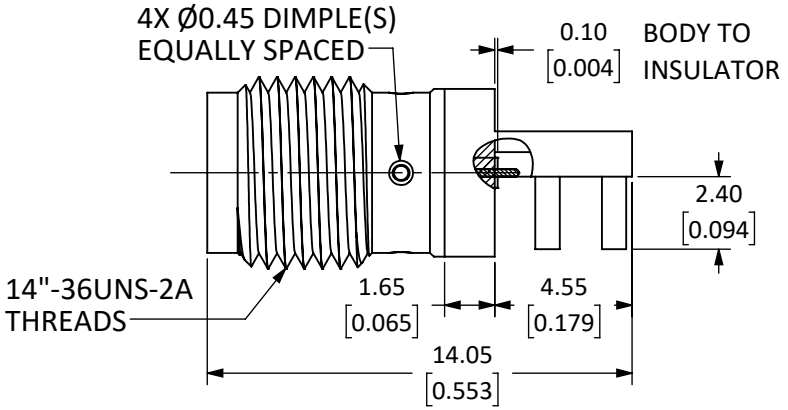
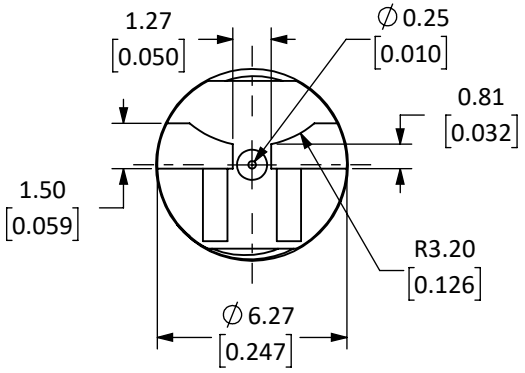
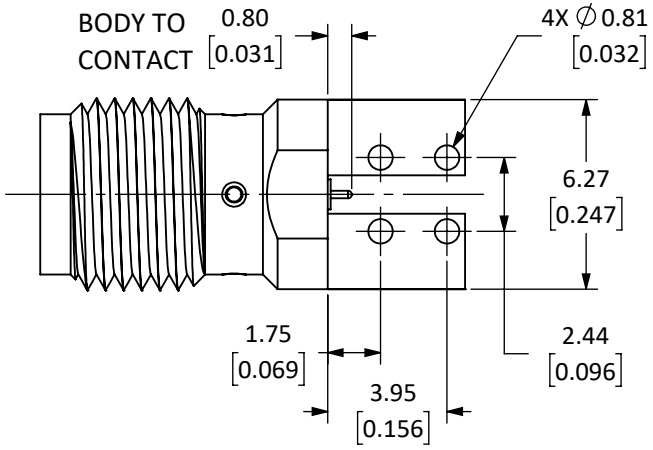
Connector: SMA Jack (Female Socket)		
Body Style	PCB Edge Mount	
Connector Part	Material	Finish
Body	Brass	Gold
Center Contact	Socket: BeCu	Gold
Insulator	PTFE	-

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF SOLID MODEL	CLL	6-FEB-20







NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES 0.5 MAXIMUM.

[5] SEE TABLE I FOR ELECTRICAL SPECIFICATIONS. (SHEET 2)

[6] SEE TABLE II FOR ENVIRONMENTAL SPECIFICATIONS. (SHEET 2)

[7] SEE TABLE III FOR MECHANICAL SPECIFICATIONS. (SHEET 2)

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SCALE 1 : 1

MATERIAL:

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.

.X ±.5
.XX ±.10
.XXX ±.050

ANGLES: ±1°

SURFACE: 32

PROJECTION:

FINISH:

DRAWN: M. SCHULTE DT: 22-JAN-20

ENGR: D. VARATHARAJAN DT: 6-FEB-20

159 ORT LANE
MERLIN, OR 97532

TITLE:

SMA FEMALE EDGE MOUNT RIGHT ANGLE, GOLD

SIZE	DWG. NO.	REV
A	C-CONSMA022-G	A

SCALE: 4:1 | DO NOT SCALE DRAWING | SHEET 1 OF 2

5 TABLE I

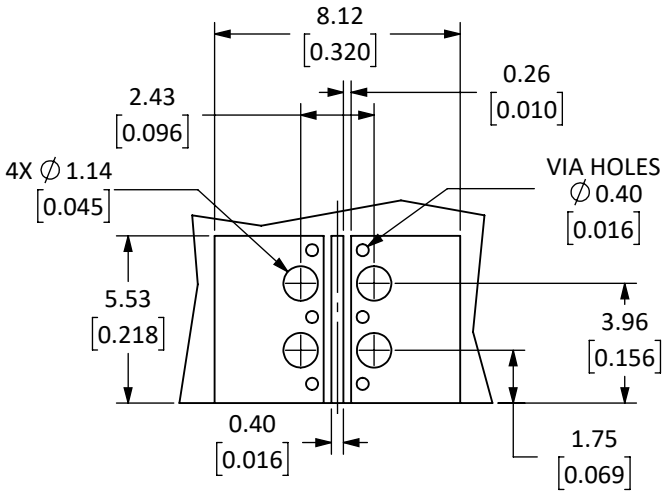
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 26.5 GHz
Insulation Resistance	≥ 5000 MΩ
Voltage Rating	1000 V RMS
Contact Resistance	Center ≤ 2.0 m Ω Outer: ≤ 2.0 m Ω
VSWR	≤ 1.5 @ 18 GHz to 26.5 GHz

6 TABLE II

Environmental Data	Detail
Corrosion (Salt Spray)	MIL-STD-202 METHOD 101 TEST CONDITION B
Thermal Shock	MIL-STD-202 METHOD 107 TEST CONDITION B
Vibration	MIL-STD-202 METHOD 204 TEST CONDITION D
Mechanical Shock	MIL-STD-202 METHOD 213 TEST CONDITION I
Temperature Range	-65 °C to +165 °C
Environmental Compliance	ROHS

7 TABLE III

Mechanical Data	Detail
Mounting Type	PCB Edge Mount
Fastening Type	1/4"-36UNS-2A Threaded Coupling
Recommended Torque	0.57 N.m (5 in.lbs)
Coupling Nut Retention	60 lbs min.
Connector Durability	500 cycles min.
Weight	1.6 g (0.06 oz)



RECOMMENDED FOOTPRINT

SIZE	DWG. NO.	REV
A	CONSMA022-G	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2