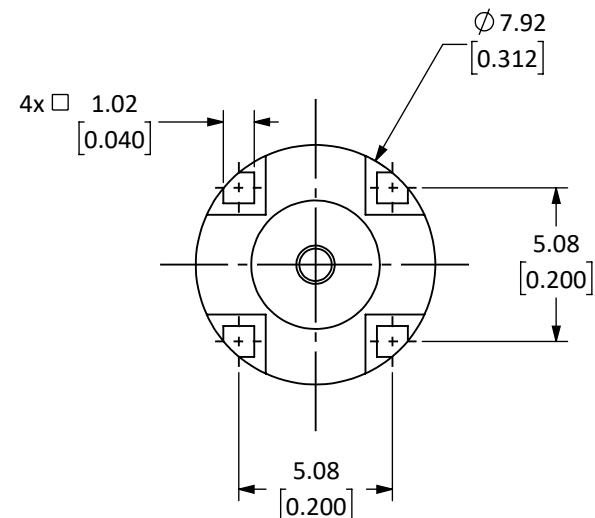
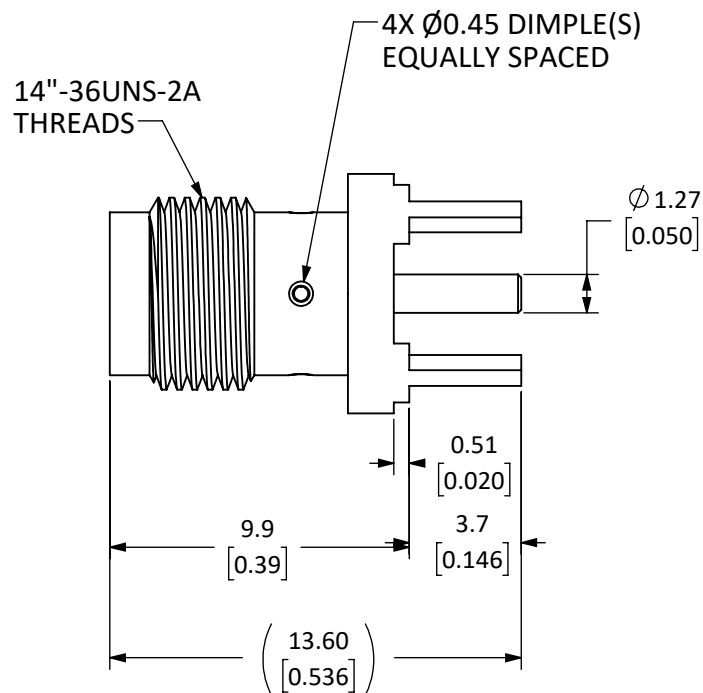


Connector: SMA Jack (Female Socket)		
Body Style	PCB Through-Hole Mount	
Connector Part	Material	Finish
Body	Brass	Gold
Center Contact	BeCu	Gold
Insulator	PTFE	-

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	13-DEC-19	SAH



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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159 ORT LANE
MERLIN, OR 97532

TITLE:
**SMA FEMALE PCB MOUNT
ROUND BASE, GOLD**

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
	.X ±1. ANGLES: ±1° .XX ±.50 SURFACE: √ .XXX ±.250	
FINISH:	DRAWN: B.MURPHY	DT: 18-NOV-19
	ENGR: DV	DT: 13-DEC-19

SIZE	DWG. NO.	REV
A	C-CON SMA001-C-G	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 1 OF 2



SCALE 1 : 1

5 TABLE I

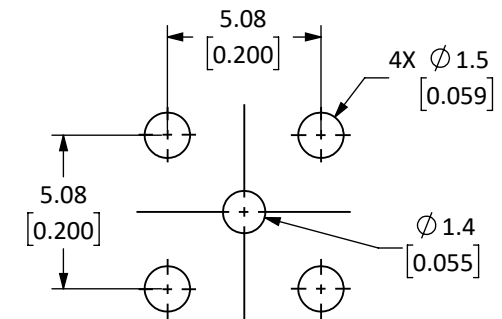
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 18 GHz
Insulation Resistance	5000 M Ω Min
Voltage Rating	500 V RMS
Contact Resistance	Center: 2 m Ω Max Outer: 2 m Ω Max
VSWR	1.2 Max @ 6 GHz

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	Through Hole, Straight
Fastening Type	1/4"-36UNS Threaded Coupling
Recommended Torque	0.57 N.m (5 in.lbs)
Coupling Nut Retention	60 lbs Min
Connector Durability	500 Cycles Min
Weight	1.54 g (0.05 oz)



RECOMMENDED FOOTPRINT

SIZE	DWG. NO.	REV
A	CONSMA001-C-G	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2