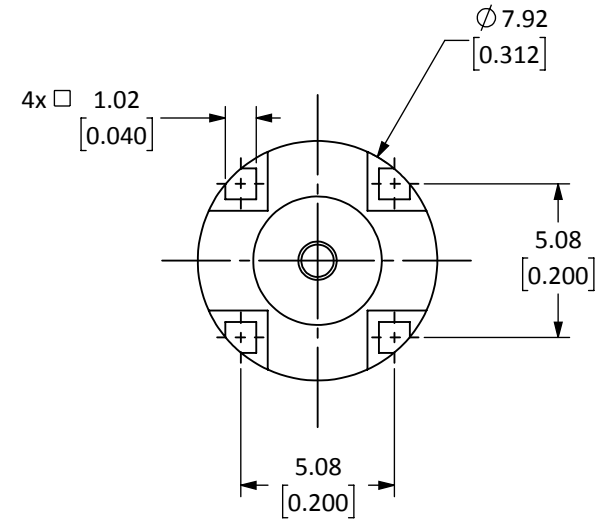
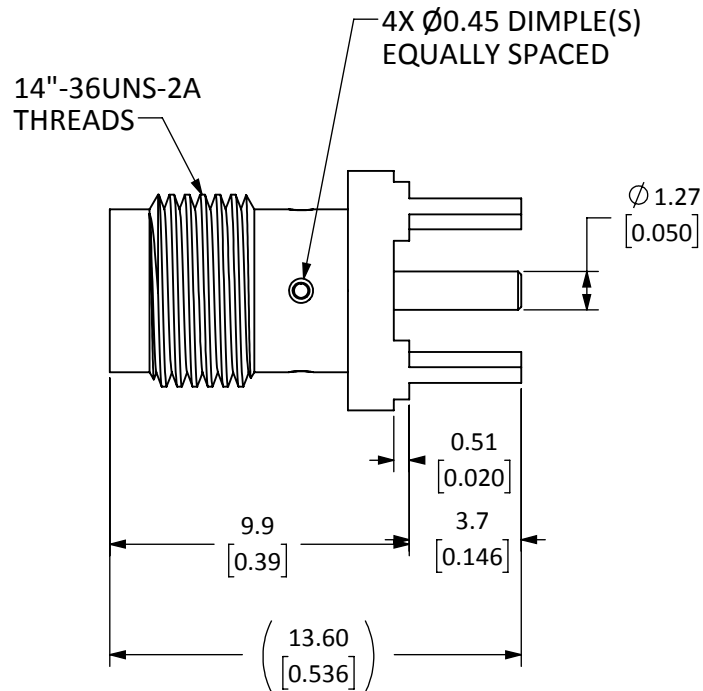


Connector: SMA Jack (Female Socket)		
Body Style	PCB Through-Hole Mount	
Connector Part	Material	Finish
Body	Brass	Gold
Center Contact	BeCu	Gold
Insulator	PTFE	-


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)

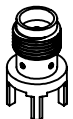
**WARNING:** THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.

MATERIAL:	TOLERANCES (IN MILLIMETERS): .X ±0.2 .XX ±0.1 .XXX ±0.05	PROJECTION:  ANGLES: ±5°
FINISH:	DRAWN: B.MURPHY	DT: 18-NOV-19
	ENGR: D.VARATHARAJAN	DT: 13-DEC-19



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

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



SCALE 1 : 1

5 TABLE I

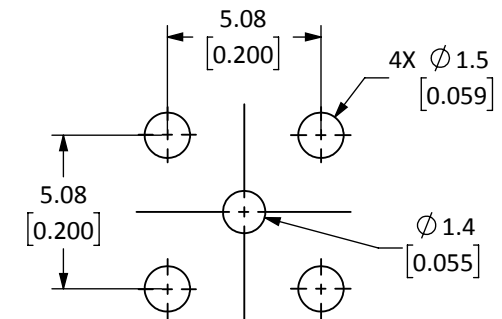
Electrical Data	Detail
Impedance	50 $\Omega$
Frequency Range	0 to 18 GHz
Insulation Resistance	5000 M $\Omega$ Min
Voltage Rating	500 V RMS
Contact Resistance	Center: 2 m $\Omega$ Max Outer: 2 m $\Omega$ Max
VSWR	1.2 Max @ 6 GHz

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
<b>A</b>	CONSMA001-C-G	<b>A</b>
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2