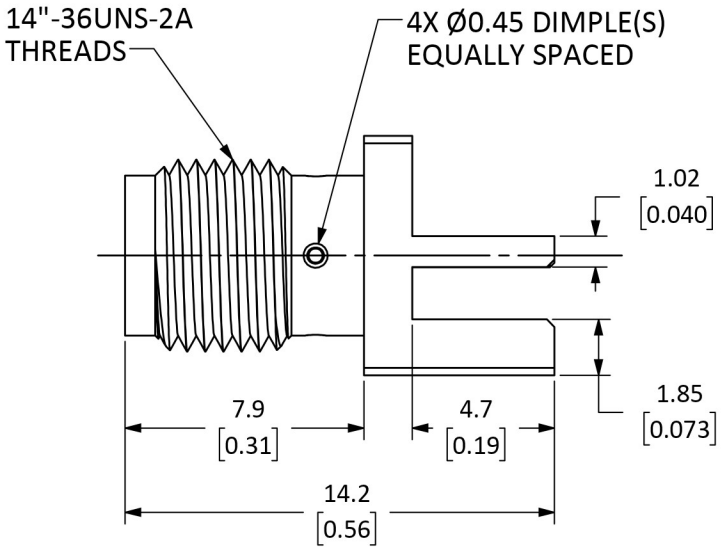
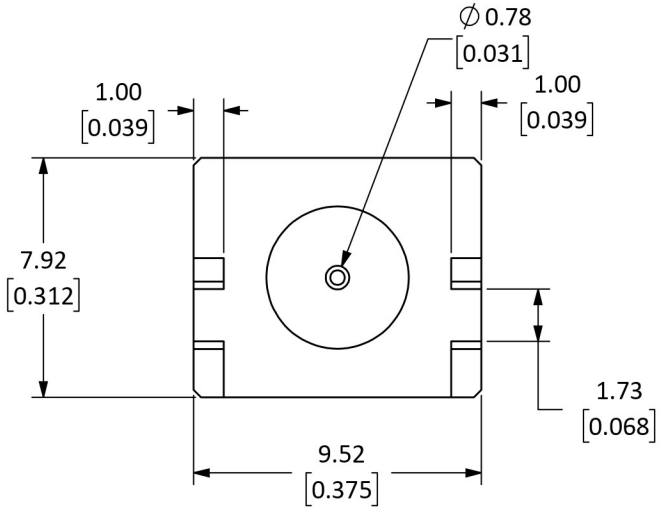
Connector: SMA Jack (Female Socket)		
Body Style	PCB Edge Mount	
Connector Part	Material	Finish
Body	Brass	Gold
Center Contact	BeCu	Gold
Insulator	PTFE	-

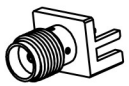
REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	13-DEC-19	SAH





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)



SCALE 1 : 1

159 ORT LANE
MERLIN, OR 97532

MATERIAL:

TOLERANCES (IN MILLIMETERS):
.X ±0.2
.XX ±0.1
.XXX ±0.05

PROJECTION:

ANGLES: ±5°

FINISH:

DRAWN: B.MURPHY DT: 19-NOV-19

ENGR: D.VARATHARAJAN DT: 13-DEC-19

TITLE:
SMA FEMALE EDGE MOUNT FOR 0.062" BOARD, GOLD

SIZE	DWG. NO.	REV
A	CONSMA020.062-G	A

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

5 TABLE I

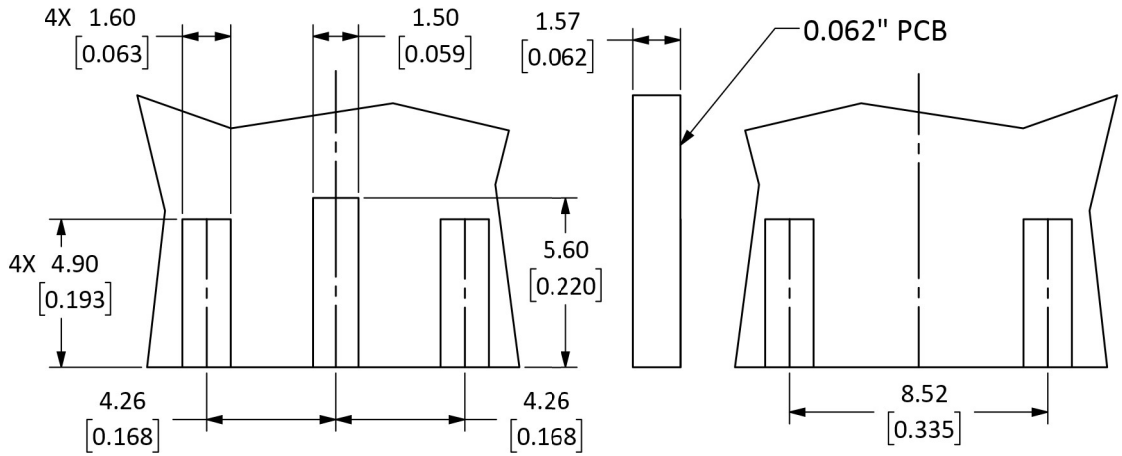
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 18 GHz
Insulation Resistance	5000 MΩ Min
Voltage Rating	500 V RMS
Contact Resistance	Center: 2 mΩ Max Outer: 2 mΩ Max
VSWR	1.2 Max @ 6 GHz

6 TABLE II

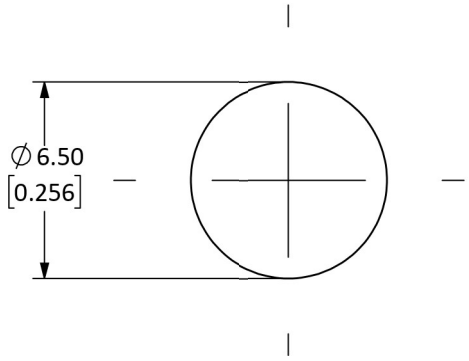
Environmental Data	Detail
Corrosion (Salt Spray)	MIL-STD-202 Method 101 Test Condition B
Thermal Shock	MIL-STD-202 Method 107 Test Condition B
Vibration	MIL-STD-202 Method 204 Test Condition D
Mechanical Shock	MIL-STD-202 Method 213 Test Condition I
Temperature Range	-65°C to +165°C
Environmental Compliance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

7 TABLE III

Mechanical Data	Detail
Mounting Type	Board Edge
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	1.95 g (0.07 oz)



RECOMMENDED FOOTPRINT



RECOMMENDED MOUNTING HOLE

SIZE	DWG. NO.	REV
A	CONSMA020.062-G	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2