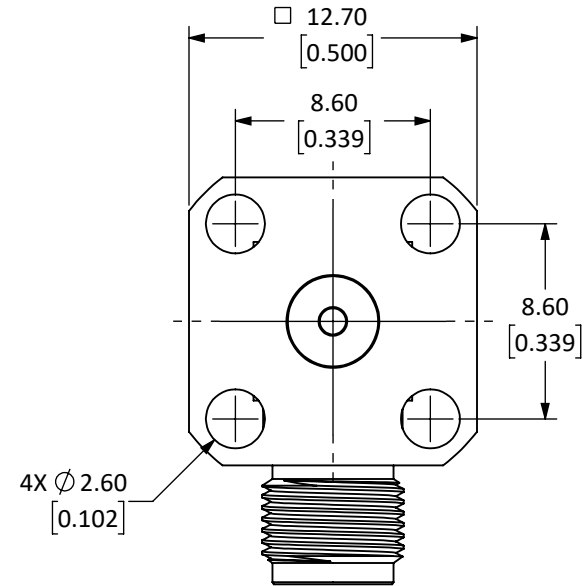
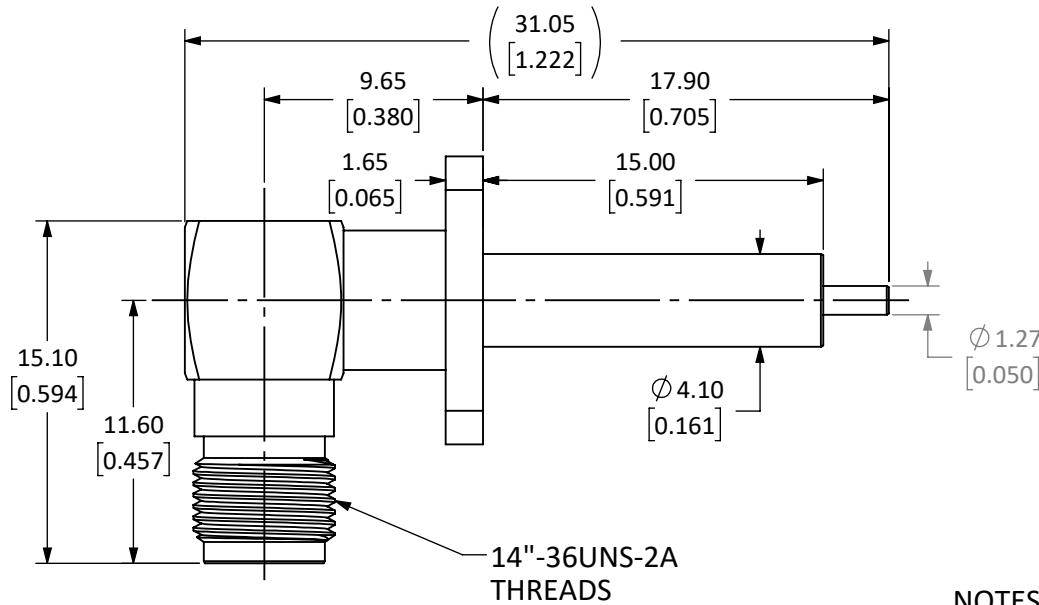


Connector: SMA Jack (Female Socket)		
Body Style	PCB Flange Mount	
Connector Part	Material	Finish
Body	Brass	Gold
Center Contact	Socket: BeCu	Gold
Insulator	PTFE	-

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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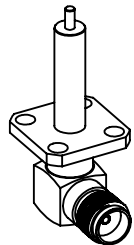


159 ORT LANE  
MERLIN, OR 97532

TITLE:  
**CONNECTOR, SMA JACK  
BOARD INSTALL RIGHT ANGLE**

MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION: 
	.X ±.1                      ANGLES: ±1° .XX ±.01                    SURFACE: √ .XXX ±.005	
FINISH:	DRAWN: B.MURPHY	DT: 20-NOV-19
	ENGR:	DT:

SIZE	DWG. NO.	REV
<b>A</b>	<b>C-CON SMA019-G</b>	<b>A</b>
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 1 OF 2



SCALE 1 : 1

**5** TABLE I

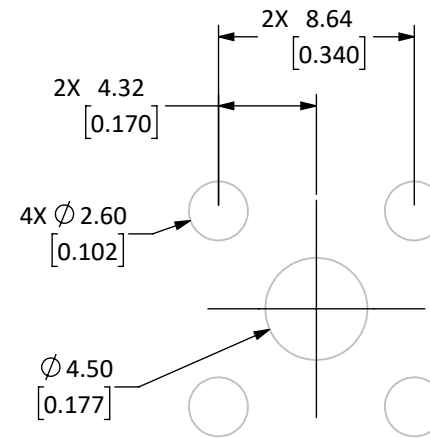
Electrical Data	Detail
Impedance	50 $\Omega$
Frequency Range	0 to 18 GHz
Insulation Resistance	$\geq 1000$ M $\Omega$
Voltage Rating	1500 V RMS
Contact Resistance	Center $\leq 5.0$ m $\Omega$ Outer: $\leq 2.5$ m $\Omega$
VSWR	$\leq 1.2$ @ 6 GHz

**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	-55 $^{\circ}$ C to +155 $^{\circ}$ C
Environmental Compliance	ROHS

**7** TABLE III

Mechanical Data	Detail
Mounting Type	Panel Mount
Interface Type	IAW-MIL-STD-348B SMA TYPE
Recommended Torque	0.57 N.m (5 in.lbs)
Coupling Nut Retention	60 lbs min.
Connector Durability	500 cycles min.
Weight	6.3 g (0.22 oz)



RECOMMENDED MOUNTING HOLES

SIZE	DWG. NO.	REV
<b>A</b>	CONSMA019-G	<b>A</b>
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 2 OF 2