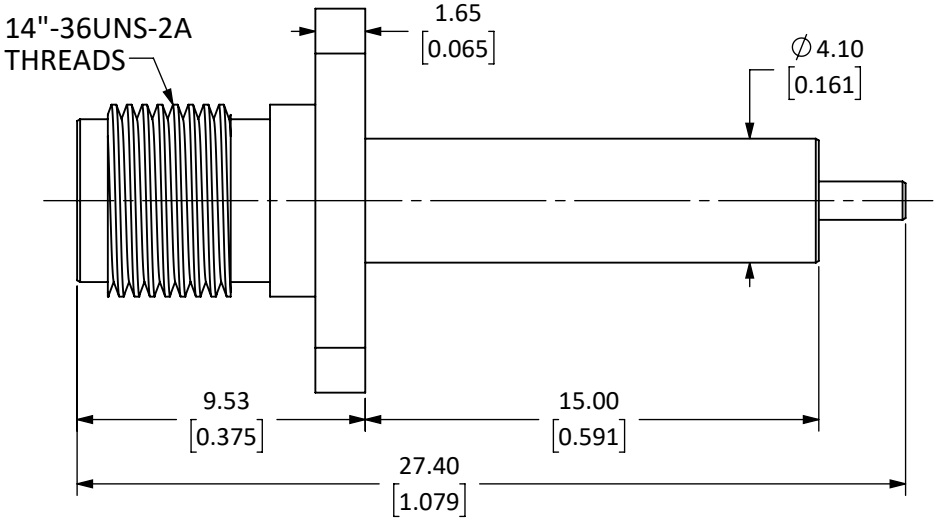
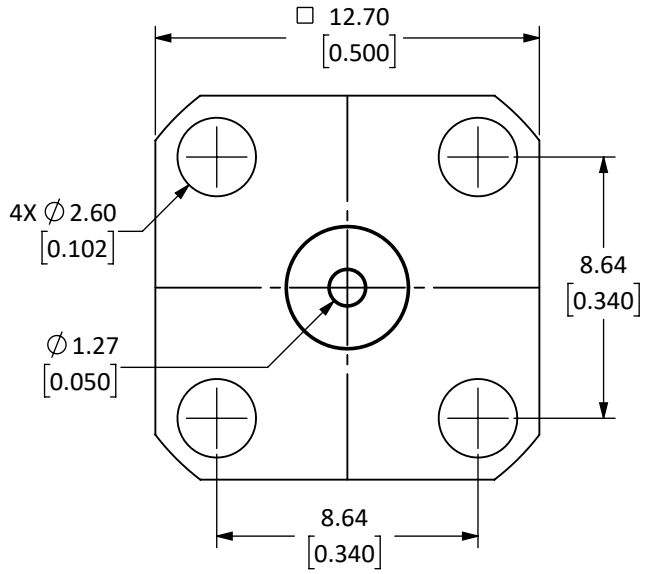
Connector: SMA Jack (Female Socket)		
Body Style	PCB Flange Mount	
Connector Part	Material	Finish
Body	Brass	Gold
Center Contact	Socket: BeCu	Gold
Insulator	PTFE	-

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)



SCALE 1 : 1

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MATERIAL:	TOLERANCES: 0.50 [.020]-5.00 [.200]= ±0.20 [.008] 5.00 [.200]-30.00 [1.200]= ±0.40 [.016] 30.0 [1.20]-120.0 [4.75]= ±0.60 [0.24] 120.0 [4.75]-315.0 [12.40]= ±1.0 [.040]	PROJECTION:	ANGLES: ±1°
FINISH:	DRAWN: M. SCHULTE	DT: 15-JAN-20	
	ENGR: D. VARATHARAJAN	DT: 6-FEB-20	

TITLE: SMA FEMALE FLANGE MOUNT EXTENDED, GOLD

SIZE	DWG. NO.	REV
A	CONSMA016-15-G	A

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

LDCFDAL_C

5 TABLE I

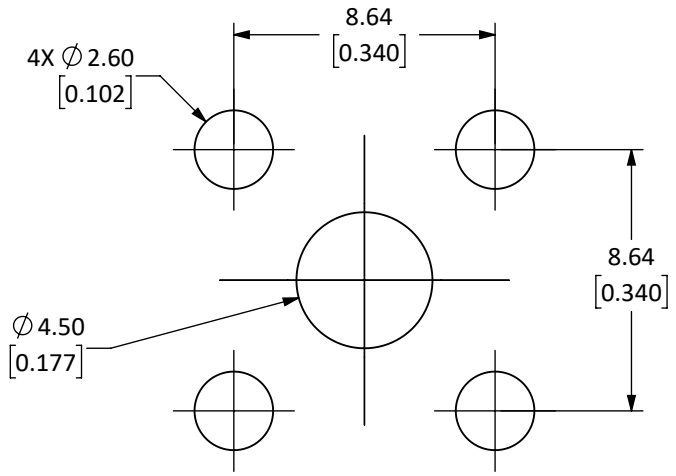
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 18 GHz
Insulation Resistance	≥ 1000 MΩ
Voltage Rating	1500 V RMS
Contact Resistance	Center ≤ 5.0 m Ω Outer: ≤ 2.5 m Ω
VSWR	≤ 1.2

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 °C to +155 °C
Environmental Compliance	ROHS

7 TABLE III

Mechanical Data	Detail
Mounting Type	Panel 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	3.3 g (0.12 oz)



RECOMMENDED MOUNTING HOLES

SIZE	DWG. NO.	REV
A	CONSMA016-15-G	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2

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