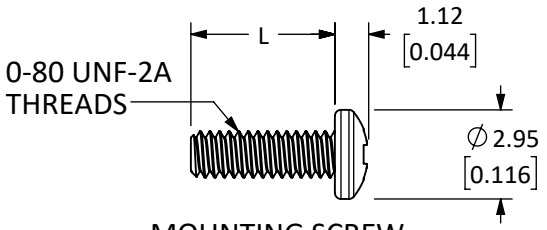
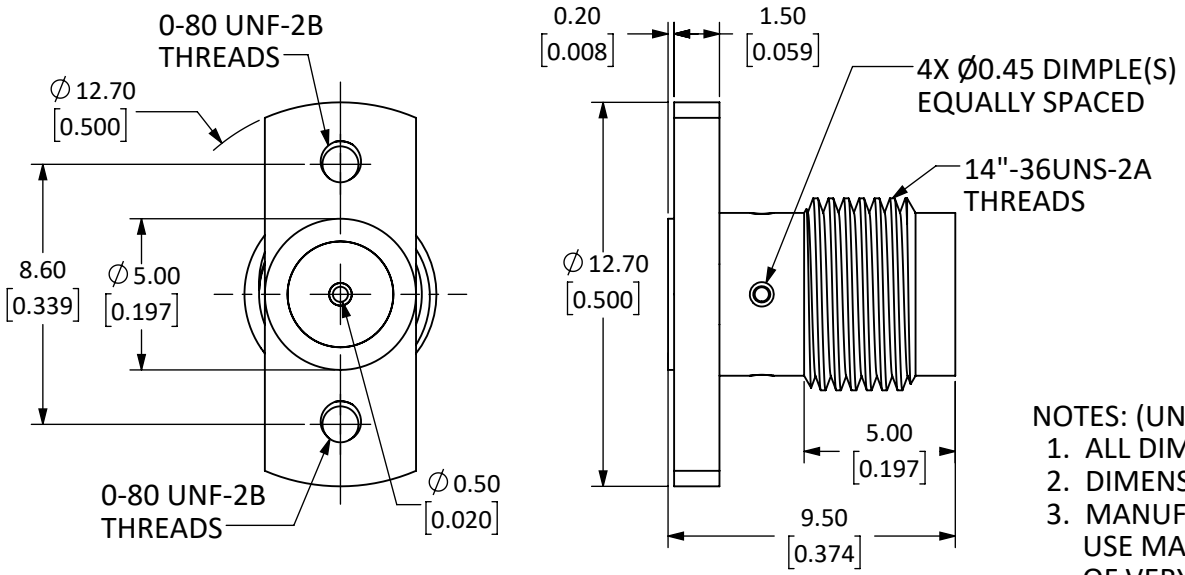
Connector: SMA Jack (Female Socket)				
Body Style	PCB Threaded Flange Mount			
Part Number		CONSMA017	CONSMA017-1	CONSMA017-2
Connector Part	Material	Finish		
Body	Stainless Steel	Passivated	Passivated	Passivated
Center Contact	Socket: BeCu	Gold	Gold	Gold
Insulator	PTFE	-	-	-
0-80 UNF-2B Threaded Screws	Passivated Stainless Steel	-	2	2
Screw Length (L)		-	4.76mm [0.188"]	6.35mm [0.25"]

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF SOLID MODEL.	CLL	6-FEB-20

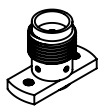


MOUNTING SCREW
(-1 AND -2 VERSIONS ONLY)



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)
8. SEE PARTSLIST. "*" INDICATES SCREW STYPE INCLUDED.



SCALE 1 : 1

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MATERIAL:

FINISH:

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°

DRAWN: M. SCHULTE DT: 15-JAN-20

ENGR: D. VARATHARAJAN DT: 6-FEB-20

TITLE:
SMA FEMALE FLANGE MOUNT 0-80 UNF-2B THREADS

SIZE	DWG. NO.	REV
A	CONSMA017-*	A

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

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5 TABLE I

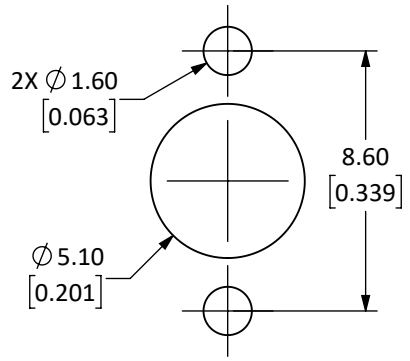
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 27 GHz
Insulation Resistance	≥ 5000 MΩ
Voltage Rating	1000 V RMS
Contact Resistance	Center ≤ 3.0 m Ω Outer: ≤ 2.0 m Ω
VSWR	≤ 1.5 @18 GHz to 26.5 GHz

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	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 (connector only)	1.4 g (0.05 oz)



RECOMMENDED MOUNTING HOLES

SIZE	DWG. NO.	REV
A	CONSMA017-*	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2

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