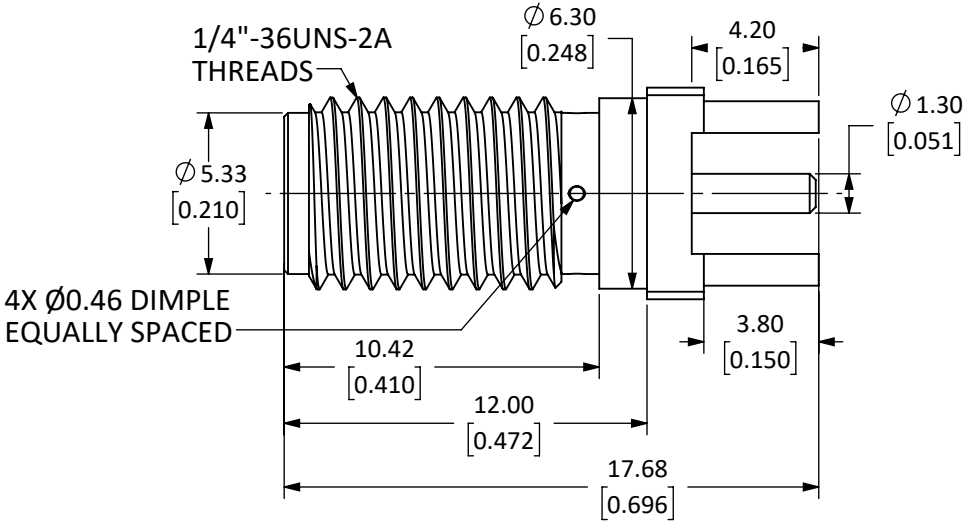
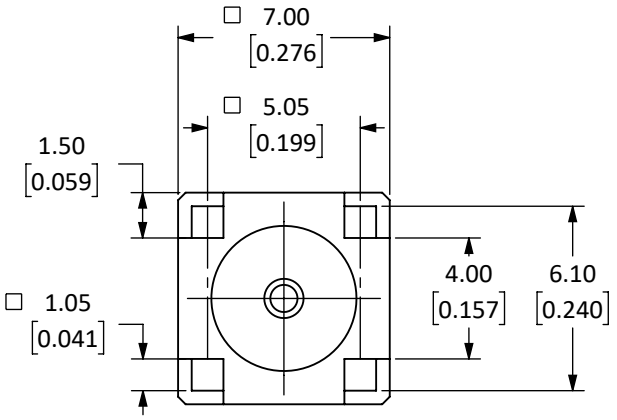
Connector: RP-SMA Jack (Male Pin)			
Termination: PCB Through-Hole Mount			
Part Number		CONREVSMA008	CONREVSMA008-G
Connector Part	Material	Finish	Finish
Bodies	Body: Brass	Nickel	Gold
	Shell: Brass	Nickel	Gold
	Nut: Brass	Nickel	Gold
	Washer: Brass	Nickel	Gold
Center Contact	Pin: Brass	Gold	Gold
Insulator	PTFE	–	–

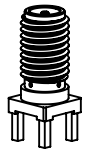
REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	0/MAR/19	CLL



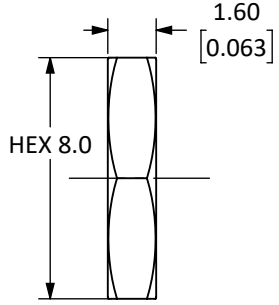


NOTES: (UNLESS OTHERWISE SPECIFIED)

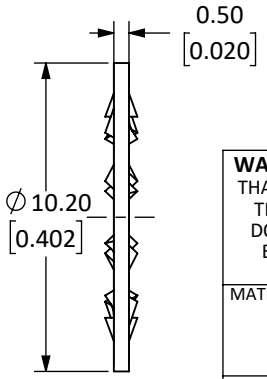
1. ALL DIMENSIONS ARE IN mm [INCHES].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES 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 FINISH TYPE.



SCALE 1 : 1



NUT



WASHER

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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: 21/JAN/19	
	ENGR: D. VARATHARAJAN	DT: 08/MAR/19	

TITLE: RP-SMA FEMALE PCB MOUNT EXTENDED

SIZE	DWG. NO.	REV
A	CONREVSMA008-*	A

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

LDCFDAL_C

5 TABLE I

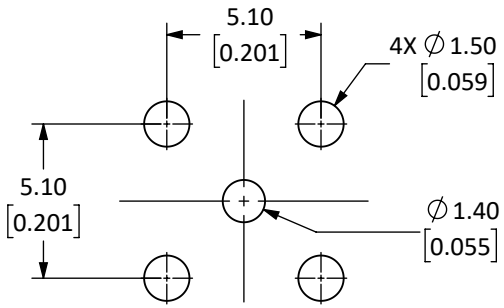
Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 18 GHz
Insulation Resistance	5 000 M Ω min.
Voltage Rating	1 000 V RMS
Contact Resistance	Center: ≤ 3.0 m Ω Outer: ≤ 2.5 m Ω

6 TABLE II

Environmental Data	Detail
Corrosion (Salt spray)	ASTM B-117
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	PCB Through Hole Mount, Panel Mount
Fastening Type	1/4"-36 Threaded Coupling
Recommended Torque	0.57 N·m (5.0 in·lbs)
Coupling Nut Retention	60 lbs. min.
Connector Durability	500 cycles min.
Weight	2.8 g (0.1 oz)



RECOMMENDED FOOTPRINT

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SIZE	DWG. NO.	REV
A	CONREVSMA008-*	A
SCALE: 4:1	DO NOT SCALE DRAWING	SHEET 2 OF 2

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