

CON SMA010

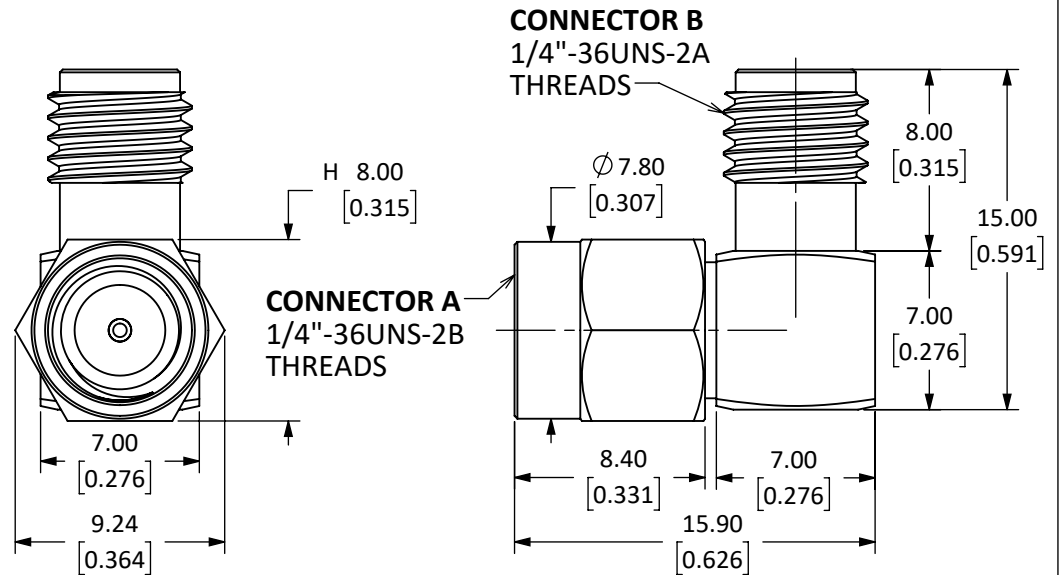
Connector A: SMA Plug (Male Pin)				
Connector B: SMA Jack (Female Socket)				
Body Style	Right-angle			
	Connector A		Connector B	
Connector Part	Material	Finish	Material	Finish
Body	Brass	Nickel	Brass	Nickel
Shell	Brass	Nickel	Brass	Nickel
Center Contact	Be Cu	Gold	Be Cu	Gold
Insulator	PTFE	-	PTFE	-

CON SMA010-G

Connector A: SMA Plug (Male Pin)				
Connector B: SMA Jack (Female Socket)				
Body Style	Right-angle			
	Connector A		Connector B	
Connector Part	Material	Finish	Material	Finish
Body	Brass	Gold	Brass	Gold
Shell	Brass	Gold	Brass	Gold
Center Contact	Be Cu	Gold	Be Cu	Gold
Insulator	PTFE	-	PTFE	-

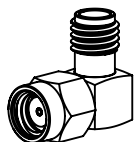
REVISIONS

REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	01/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

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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: 
FINISH:	DRAWN: M. SCHULTE	DT: 21/JAN/19
	ENGR: D. VARATHARAJAN	DT: 08/MAR/19

<b>Linx</b>		159 ORT LANE MERLIN, OR 97532
TITLE: <b>SMA MALE TO SMA FEMALE RIGHT ANGLE ADAPTER</b>		
SIZE	DWG. NO.	REV
<b>A</b>	<b>CON SMA010-*</b>	<b>A</b>
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 1 OF 2

**5** TABLE I

Electrical Data	Detail
Impedance	50 $\Omega$
Frequency Range	0 to 6 GHz
Insulation Resistance	5 000 M $\Omega$ min.
Voltage Rating	1 000 V RMS
Contact Resistance	Center: $\leq$ 3.0 m $\Omega$ Outer: $\leq$ 2.5 m $\Omega$

**6** TABLE II

Environmental Data	Detail
Corrosion (Salt Spray)	ASTMB-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	Adapter, Threaded, Right-angle
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	5.1 g (0.2 oz)

SIZE	DWG. NO.	REV
<b>A</b>	CONSMA010-*	<b>A</b>
SCALE: 1:1	DO NOT SCALE DRAWING	SHEET 2 OF 2

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