

CONREV/SMA010

Connector A: RP-SMA Plug (Female Socket)				
Connector B: RP-SMA Jack (Male Pin)				
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	-

CONREV/SMA010-G

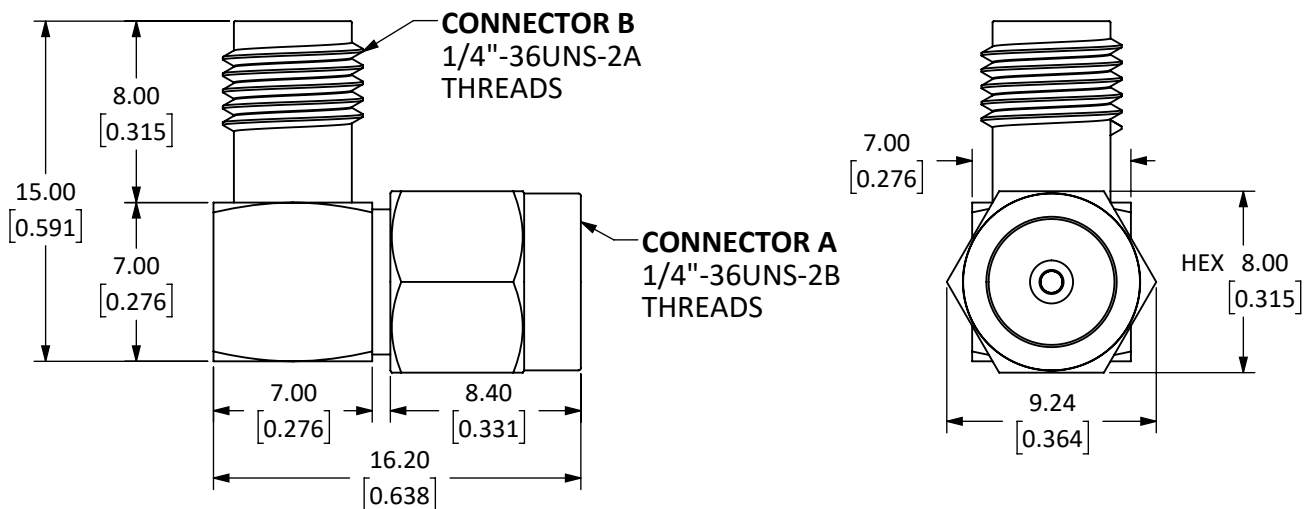
Connector A: RP-SMA Plug (Female Socket)				
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Insulator	PTFE	-	PTFE	-

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. "\*" INDICATEDS FINISH TYPE.



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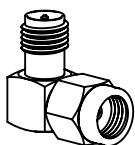
MATERIAL:	TOLERANCES: 0.50 [.020]-5.00 [.200]= ±0.20 [.008] 5.00 [1.200]-30.00 [1.200]= ±0.40 [.016] 30.0 [1.20]-120.0 [4.75]= ±0.60 [0.24] 120.0 [4.75]-315.0 [12.40]= ±1.0 [.040]	PROJECTION: 
FINISH:	DRAWN: M. SCHULTE ENGR: D. VARATHARAJAN	DT: 21/JAN/19 DT: 08/MAR/19

**Linx**

159 ORT LANE  
MERLIN, OR 97532

TITLE:  
**RP-SMA MALE TO RP-SMA FEMALE  
RIGHT ANGLE ADAPTER**

SIZE	DWG. NO.	REV
<b>A</b>	<b>CONREV/SMA010-*</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 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)	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 $^{\circ}$ C to +155 $^{\circ}$ 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 (0.18 oz)

SIZE	DWG. NO.	REV
<b>A</b>	CONREVSMA010-*	<b>A</b>
SCALE: 1:1	DO NOT SCALE DRAWING	SHEET 2 OF 2