

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

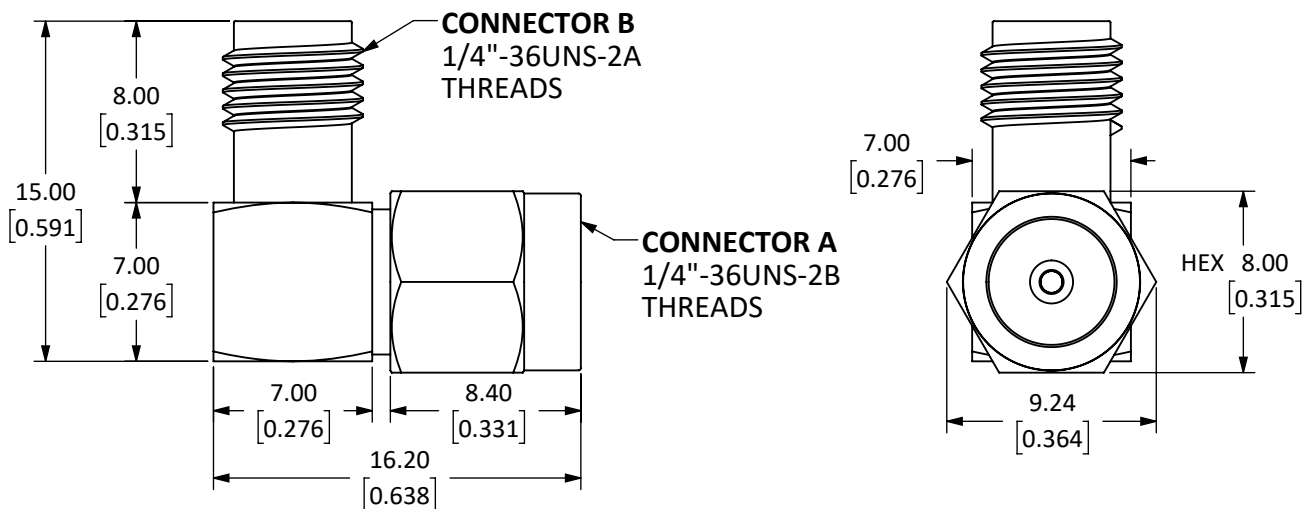
Connector A: RP-SMA Plug (Female Socket)				
Connector B: RP-SMA Jack (Male Pin)				
Body Style	Right-angle			
	Connector A		Connector B	
Connector Part	Material	Finish	Material	Finish
Body	Brass	Gold	Brass	Gold
Shell	Brass	Gold	Brass	Gold
Center Contact	Be Cu	Gold	Be Cu	Gold
Insulator	PTFE	-	PTFE	-

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. "*" INDICATEDS FINISH TYPE.



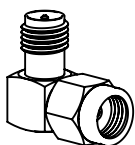
WARNING: THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.



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

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

SIZE	DWG. NO.	REV
A	CONREV/SMA010-*	A
SCALE: 3:1	DO NOT SCALE DRAWING	SHEET 1 OF 2



SCALE 1 : 1

5 TABLE I

Electrical Data	Detail
Impedance	50 Ω
Frequency Range	0 to 6 GHz
Insulation Resistance	5 000 M Ω min.
Voltage Rating	1 000 V RMS
Contact Resistance	Center: \leq 3.0 m Ω Outer: \leq 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	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
A	CONREVSMA010-*	A
SCALE: 1:1	DO NOT SCALE DRAWING	SHEET 2 OF 2