

NOTE:

REFERENCE STANDARD IEC60169-16

- I. ELECTRIC PERFORMANCE
 - NOMINAL IMPEDANCE (Ω) : 50
 - FREQUENCY RANGE : DC-3GHz
 - VSWR : ≤ 1.10
 - PIM (dBc): : < -160 (2X43dBm)
 - INSERTION LOSS : ≤ 0.05
 - INSULATION RESISTANCE ($M\Omega$) : ≥ 5000
 - PROOF VOLTAGE (V) : 1500
 - CONDUCTOR RESISTANCE ($m\Omega$) : OUTER CONDUCTOR < 0.4
INNER CONDUCTOR < 0.8

- II. MECHANICAL PERFORMANCE
 - NUT TORQUE: 5N.m
 - (NUT)WHORL PULL : 500N
 - TENSILE FORCE (CABLE-CONNECTOR) : 150N
 - TORSION (CABLE -CONNECTOR): 0.3N.m

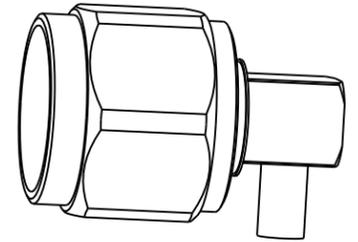
- III. MATERIAL AND PLATING
 - INNER CONDUCTOR : BRASS PLATING Ag5 μ m
 - OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2 μ m
 - NUT : BRASS PLATING Ni5 μ m
 - GASKET : SILICONE RUBBER
 - INSULATOR : PTFE

- IV. ENVIRONMENT
 - TEMP RANGE : -40°C TO $+85^{\circ}\text{C}$
 - WEATHER STANDARD : IEC 60068 40/085/21
 - THERMAL SHOCK : US MIL-STD 202.Meth.107.COND.B
 - VIBRATION : US MIL-STD 202.Meth.204.COND.B
 - SHOCK : US MIL-STD 202.Meth.213.COND.I
 - WATER PROOFING STANDARD : IP68

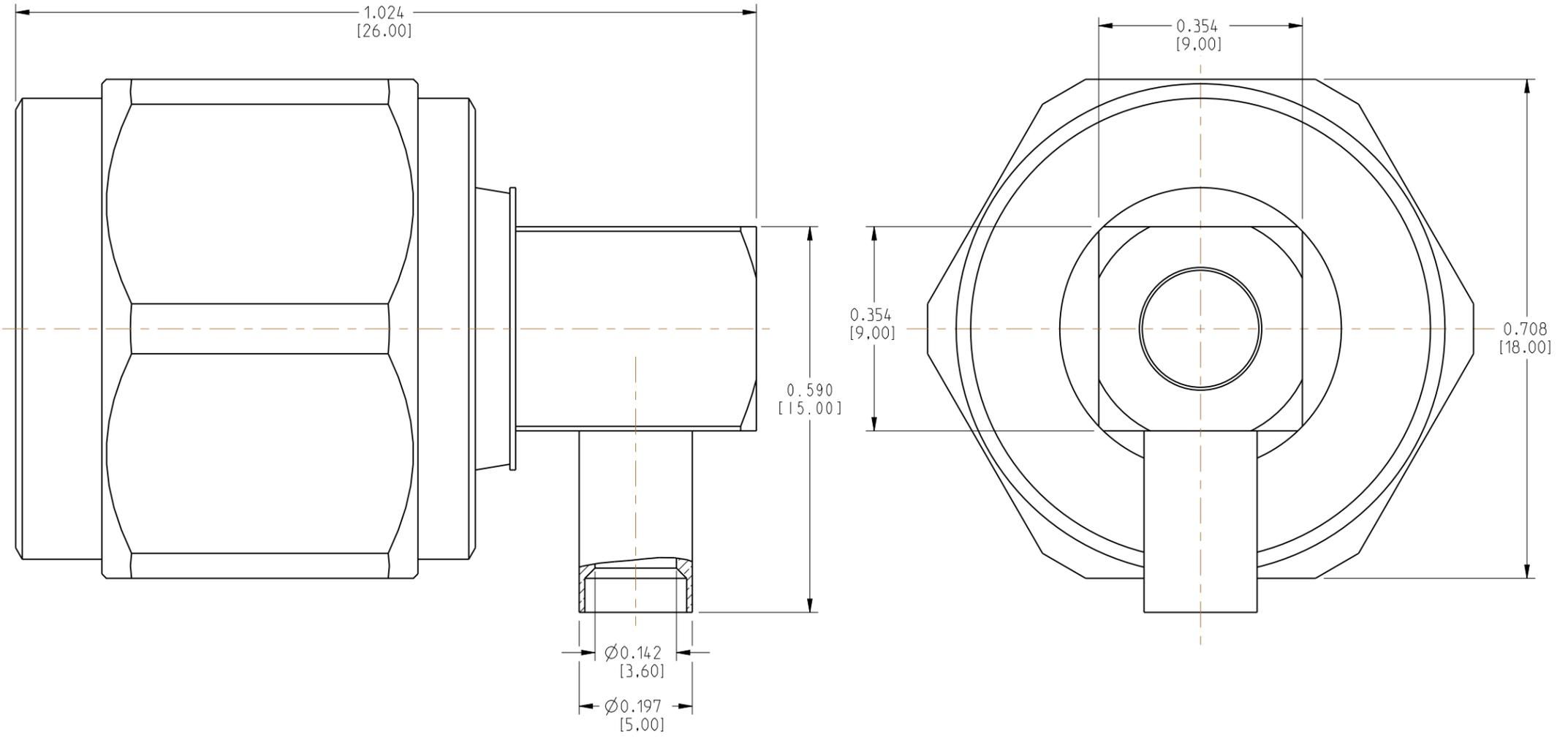
V. ASSEMBLY : INNER AND OUTER CONDUCTOR SOLDERED

VI. ROHS COMPLIANT.

272158-11		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG	21-Sep-12	--	AAP



SCALE 1.300



5	NUT	BRASS	NICKEL	1
4	GASKET	SILICON RUBBER		1
3	CONTACT PIN	BRASS	SILVER	1
2	INSULATOR	PTFE	NATURAL	1
1	BODY	BRASS	WHITE BRONZE	1
NO	DESCRIPTION	MATERIAL	FINISH	QTY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm)	MATERIAL	DRAWN	DATE	TITLE	Amphenol Connex
	REFERENCE	A ARUN PRABU	21-Sep-12		
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		A ARUN PRABU	21-Sep-12		
		APPROVED	DATE		
		CAD FILE		DWG SIZE	DRAWING NO.
				B	172236-12
					REV A