

NOTE:				272158-11		REVISIONS						
REFERENCE STANDARD IEC60169-16				DRAWING NO.		REV	DESCRIPTION			DATE	ECO	APPR
				THIRD ANGLE PROJ. 		A	RELEASE TO MFG			21-Sep-12	--	AAP

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE (Ω) : 50

FREQUENCY RANGE : DC-3GHz

VSWR : $\leq$ 1.10

PIM (dBc): <-160 (2X43dBm)

INSERTION LOSS : $\leq$ 0.05

INSULATION RESISTANCE ($M\Omega$) : $\geq$ 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 $^{\circ}$ C TO +85 $^{\circ}$ C

WEATHER STANDARD : IEC 60068 40/085/21

THERMAL SHOCK : US MIL-STD 202,Meth.107,COND.B

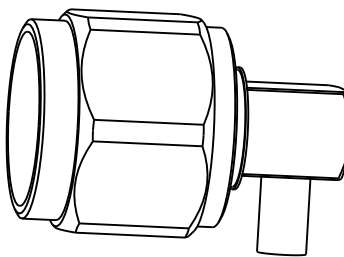
VIBRATION : US MIL-STD 202,Meth.204,COND.B

SHOCK : US MIL-STD 202,Meth.213,COND.I

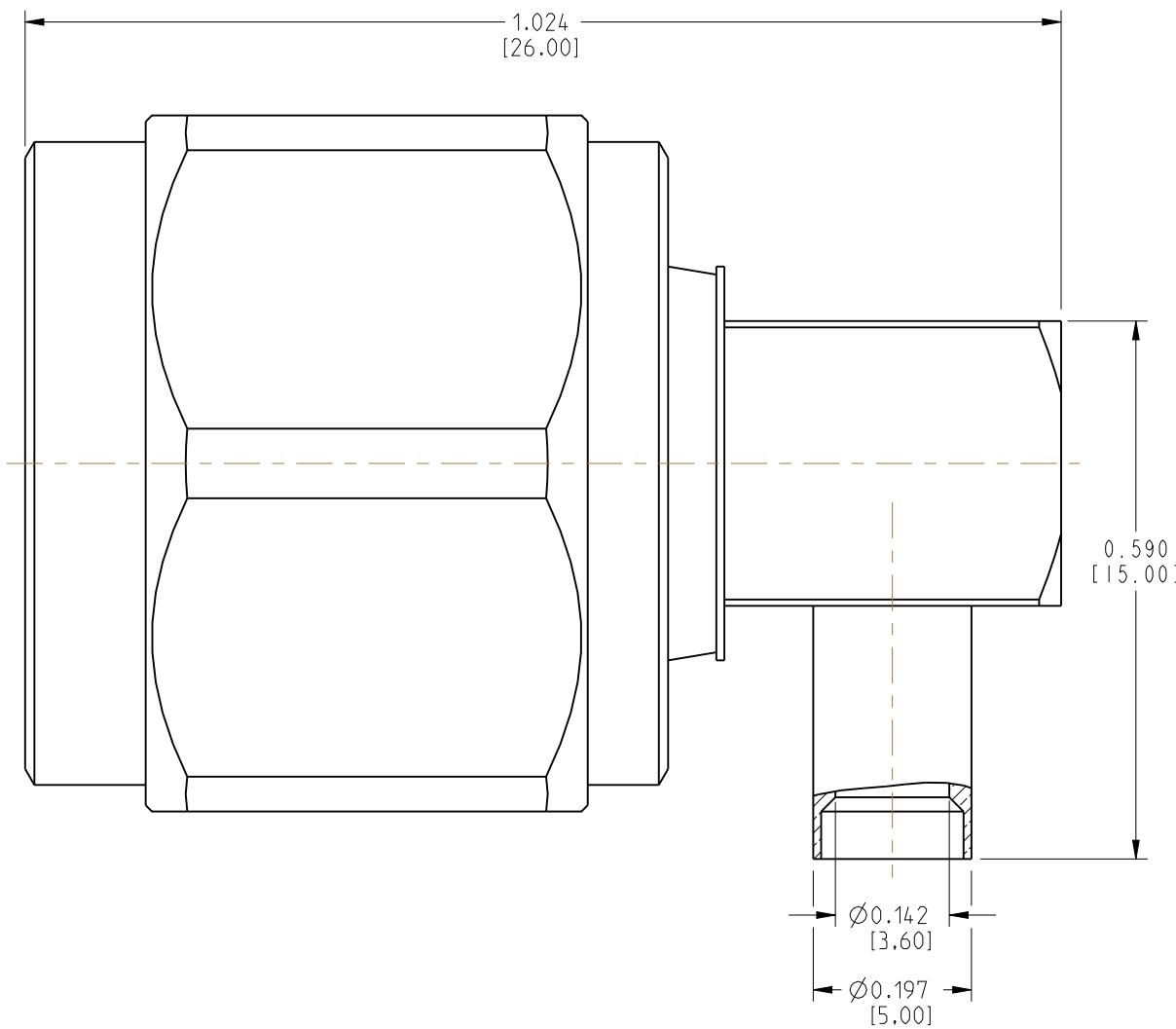
WATER PROOFING STANDARD : IP68

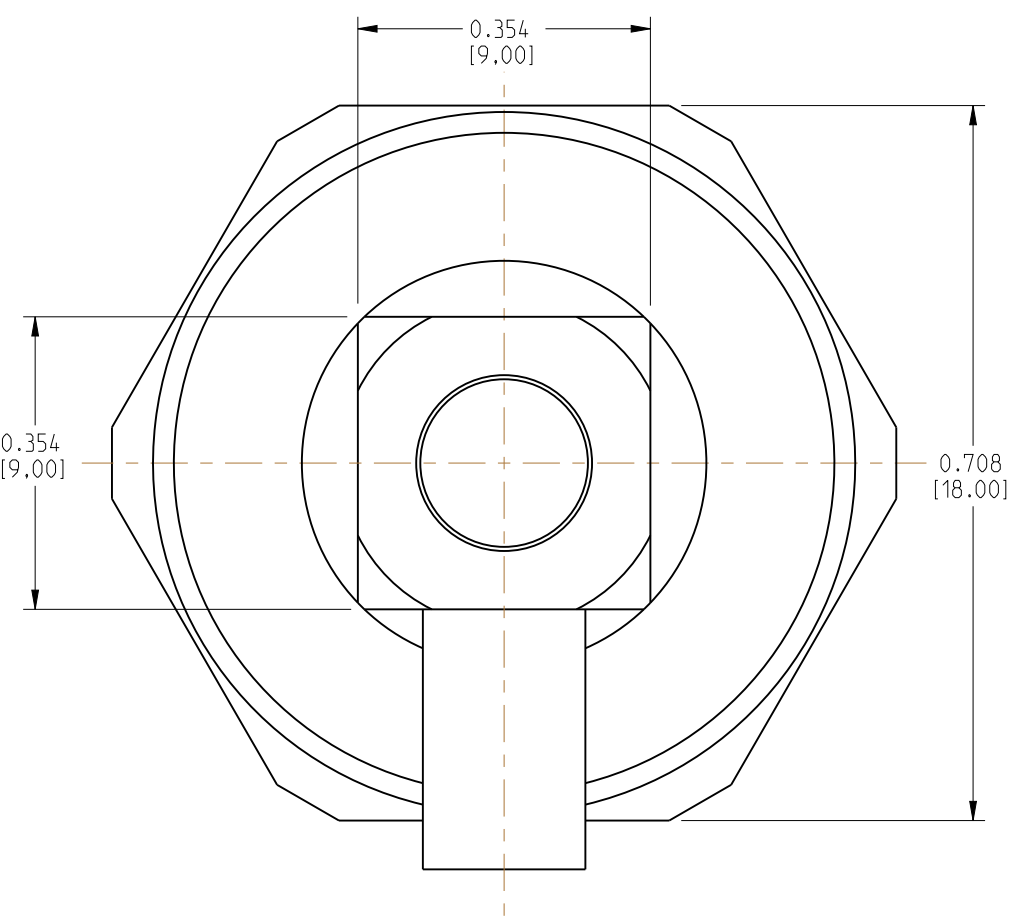
V. ASSEMBLY : INNER AND OUTER CONDUCTOR SOLDERED

VI. ROHS COMPLIANT.



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 ANGLES $\pm$.015 (0,381 mm) $\pm$.005 (0,127 mm) $\pm$ 1 $^{\circ}$				MATERIAL		DRAWN A ARUN PRABU		DATE 21-Sep-12		TITLE N-TYPE RIGHT ANGLE PLUG FOR 0.141" SEMI-RIGID CABLE		Amphenol Connex	
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.				REFERENCE		ENGINEER A ARUN PRABU		DATE 21-Sep-12					
						APPROVED		DATE					
CAD FILE						DWG SIZE B		DRAWING NO. 172236-12		REV A			