

NOTE:

REFERENCE STANDARD IEC60169-16

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE (Ω) : 50

FREQUENCY RANGE : DC-3GHz

VSWR : ≤ 1.10

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

INSERTION LOSS : ≤ 0.05

INSULATION RESISTANCE (MΩ) : ≥5000

PROOF VOLTAGE (V) : 1500

CONDUCTOR RESISTANCE (mΩ) : 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 μm

OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2 μm

NUT : BRASS PLATING Ni5 μm

GASKET : SILICONE RUBBER

INSULATOR : PTFE

IV. ENVIRONMENT

TEMP RANGE : -40 °C TO +85 °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

DRAWING NO.

THIRD ANGLE PROJ.

REV

A

DESCRIPTION

RELEASE TO MFG

DATE

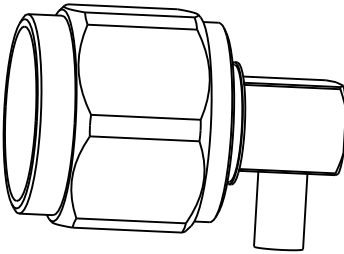
21-Sep-12

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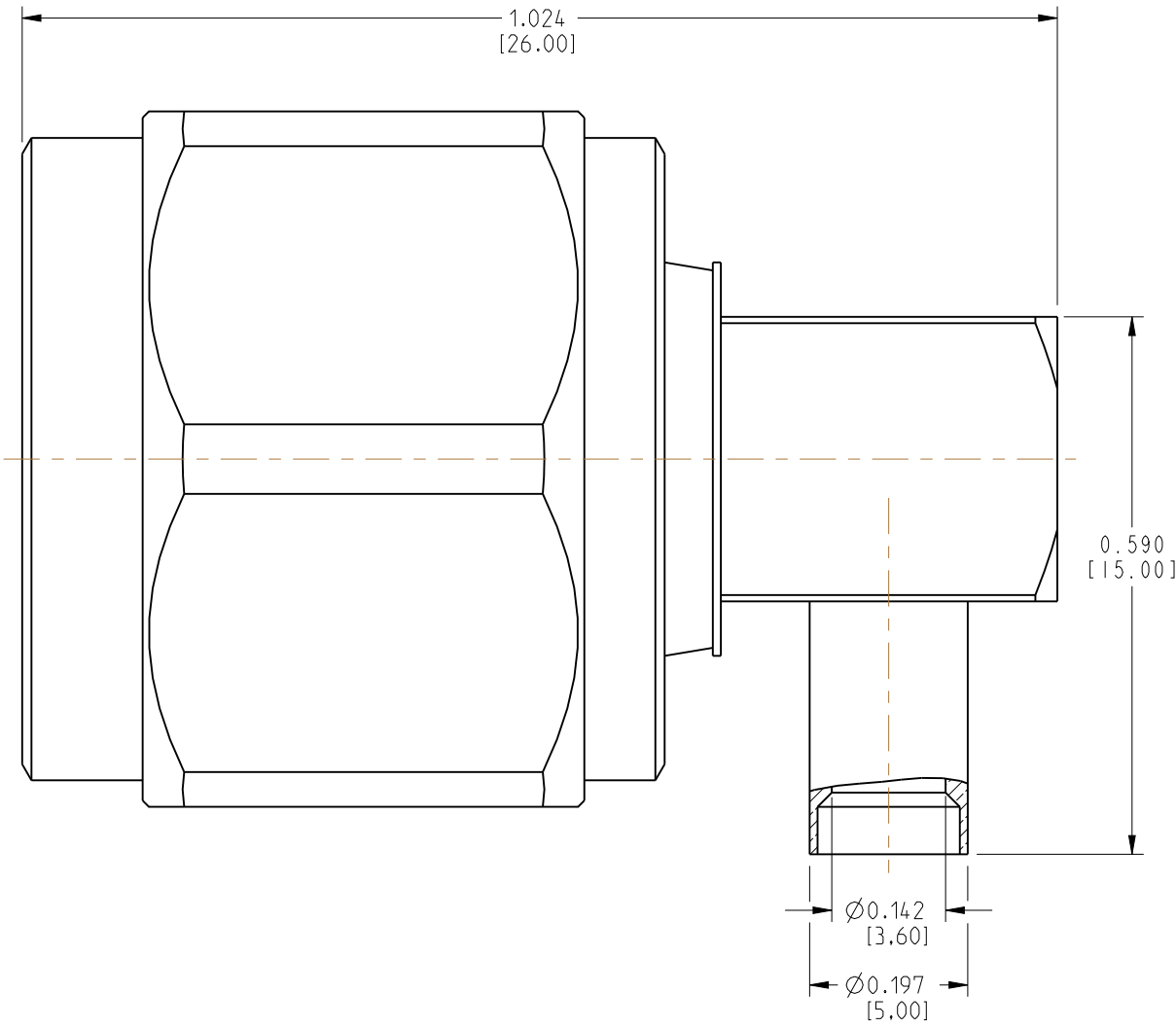
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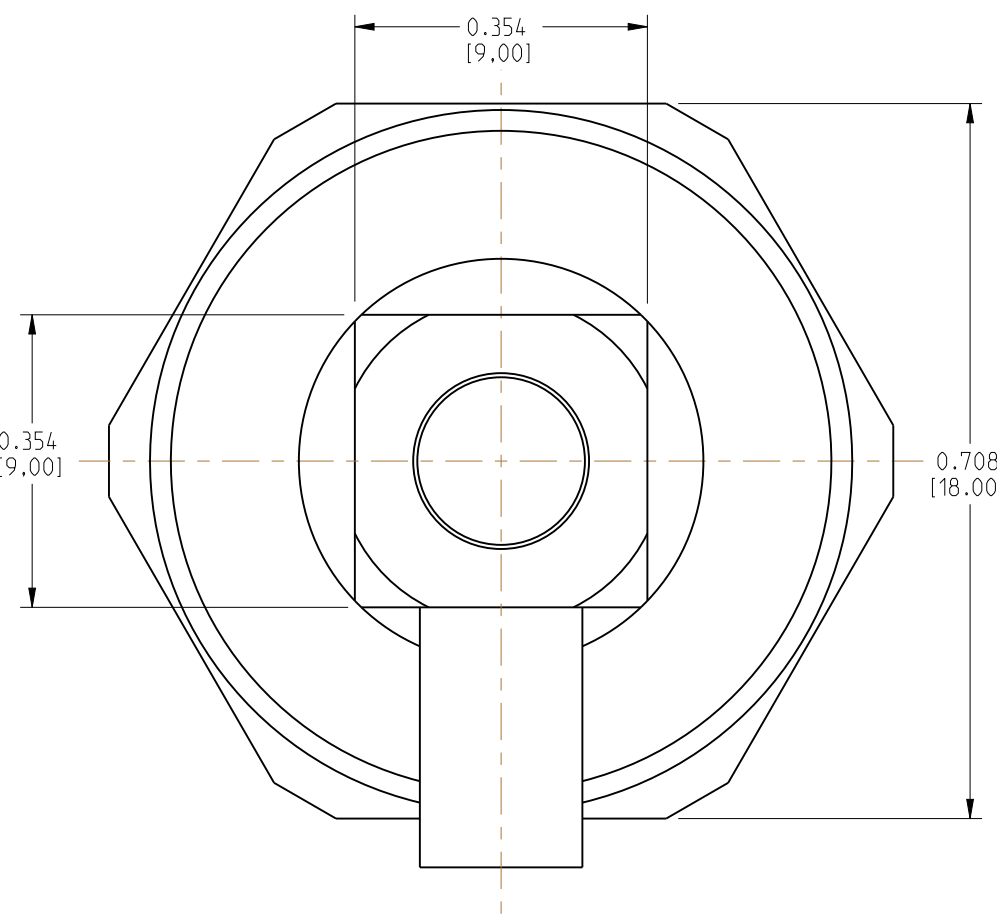
APPR

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
±.015 (0,381 mm) ±.005 (0,127 mm) ANGLES ± 1°

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MATERIAL

REFERENCE

DRAWN
A ARUN PRABU

ENGINEER
A ARUN PRABU

APPROVED

CAD FILE

DATE
21-Sep-12

DATE
21-Sep-12

DATE

DWG SIZE
B

TITLE
N-TYPE RIGHT ANGLE
PLUG FOR 0.141"
SEMI-RIGID CABLE

SCALE: 4.3:1

SHEET 1 OF 1

DRAWING NO.
172236-12

REV
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