

REFERENCE STANDARD IEC60169-16	172133-16		REVISIONS			
	DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
	THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	11-Oct-12	--	MG

1.ELECTRIC PERFORMANCE:
NOMINAL IMPEDANCE(Ω) : 50
FREQUENCY RANGE : DC-6 GHz
VSWR : $\leq$ 1.10
PIM(dBc) : $\leq$ -160 (2X43dBm)
INSERT LOSS : $\leq$ 0.05
INSULATION RESISTANCE (M Ω) : $\geq$ 5000
PROOF VOLTAGE (V) : 1500
CONDUCTOR RESISTANCE (m Ω) : OUTER CONDUCTOR<0.4
INNER CONDUCTOR<0.8

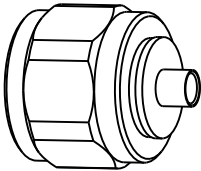
2.MECHANICAL PERFORMANCE:
NUT TORQUE : 5N.m
(NUT WHORL) PULL : 500N
TENSILE FORCE
(CABLE-CONNECTOR) : 150N
TORSION(CABLE-CONNECTOR) : 0.3N.m

3.MATERIAL AND PLATING:
INNER CONDUCTOR : BRASS PLATING Ag5um
OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2um
NUT : BRASS PLATING Ni5um
GASKET : SILICONE RUBBER
INSULATOR : PTFE

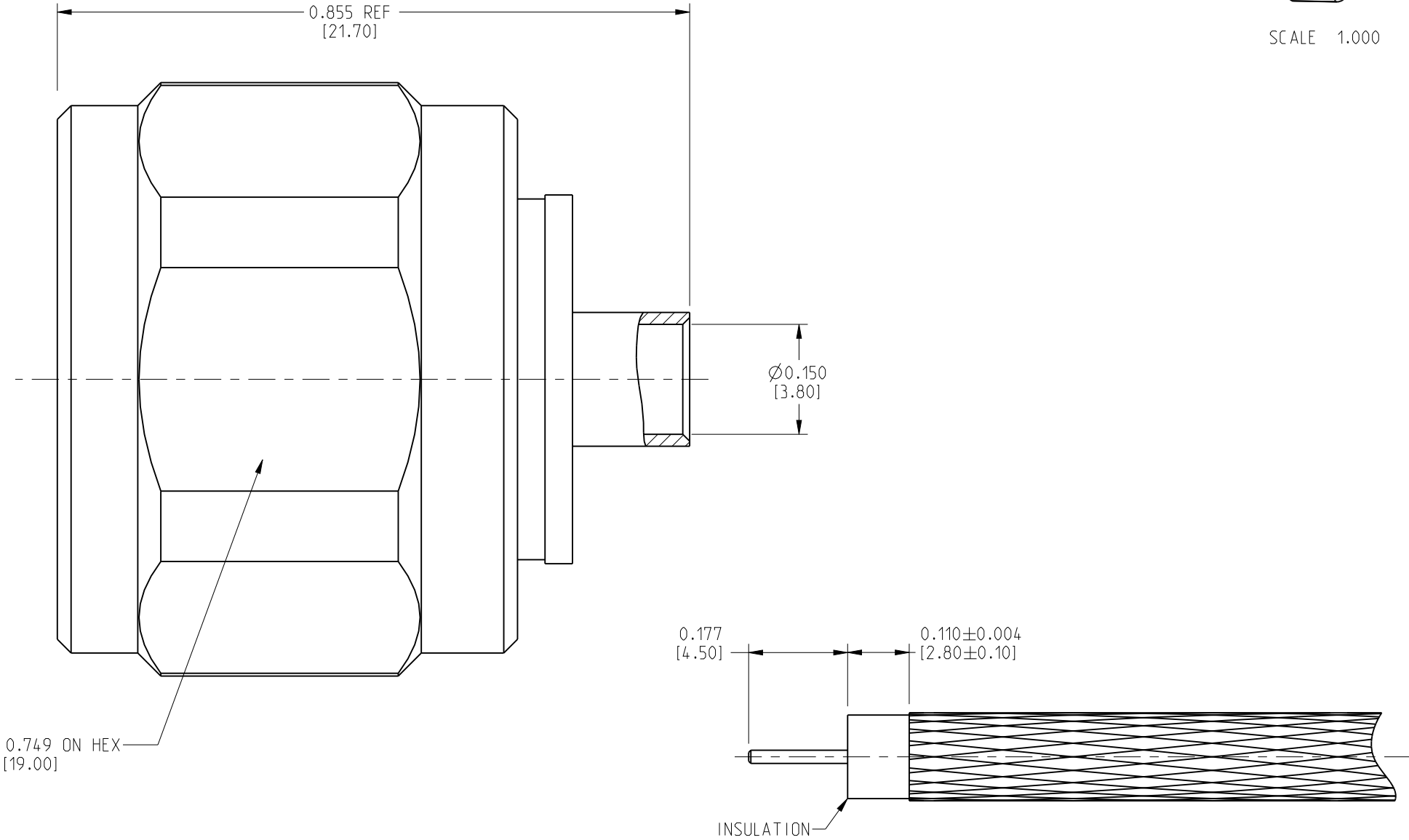
4.ENVIRONMENT:
TEMP.RANGE : -55°C TO +155°C
WEATHER STANDARD : IEC 60068 40/085/21
THERMAL SHOCK : US MIL-STD 202.Meth.107, COND.B
VIBRATION : US MIL-STD 202 Meth.204, COND.B
SHOCK : US MIL-STD 202.Meth.213, COND.I

5.ASSEMBLY: INNER AND OUTER CONDUCTOR SOLDERED

6.ROHS COMPLIANT.



SCALE 1.000



RECOMMENDED CABLE
STRIPPING DIMENSIONS

5	NUT	BRASS	NICKEL	1
4	GASKET	SILICONE RUBBER		1
3	INSULATOR	PTFE	NATURAL	1
2	CONTACT PIN	BRASS	SILVER	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 ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL	DRAWN GOPI M	DATE 11-Oct-12	TITLE N STRAIGHT PLUG FOR 0.141" SEMI-RIGID CABLE		Amphenol Connex	
	SEE NOTES	ENGINEER GOPI M	DATE 11-Oct-12				
		APPROVED	DATE				
	REFERENCE	CAD FILE		DWG SIZE B	DRAWING NO. 172133-16	REV A	

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| SCALE: 5.0:1 | | SHEET | | I OF I | | |

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