NOTE:

REFERENCE STANDARD IEC60169-4

1. ELECTRIC PERFORMANCE
   - NOMINAL IMPEDANCE (Ω) : 50
   - FREQUENCY RANGE : DC-3GHz
   - VSWR : ≤ 1.10
   - INSERTION LOSS : ≤ 0.05
   - INSULATION RESISTANCE (MΩ) : >10000
   - PROOF VOLTAGE (V) : 2500
   - CONDUCTOR RESISTANCE (mΩ) : OUTER CONDUCTOR <0.2
     INNER CONDUCTOR <0.8

II. MEHANICAL PERFORMANCE
   - NUT TORQUE 25N.m
   - (NUT) WHORL PULL 1000N
   - TENSILE FORCE (CABLE-CONNECTOR) 400N
   - TORSION (CABLE-CONNECTOR) 2N.m

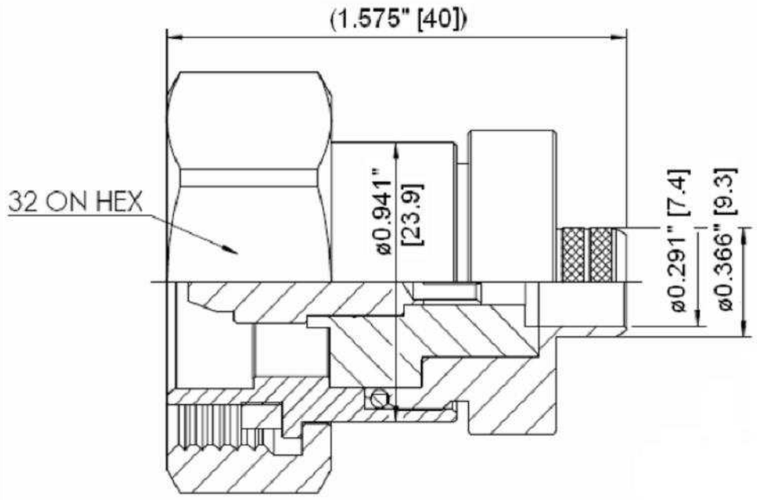
III. MATERIAL AND PLATING
   - INNER CONDUCTOR : BERYLLIUM BRONZE PLATING Ag5 µm
   - OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2 µm
   - TUBE : COPPER PLATING COPPER-TIN-ZINC 2 µm
   - NUT : BRASS PLATING COPPER-TIN-ZINC 2 µm
   - GASKET : SILICONE RUBBER
   - INSULATOR : PTFE

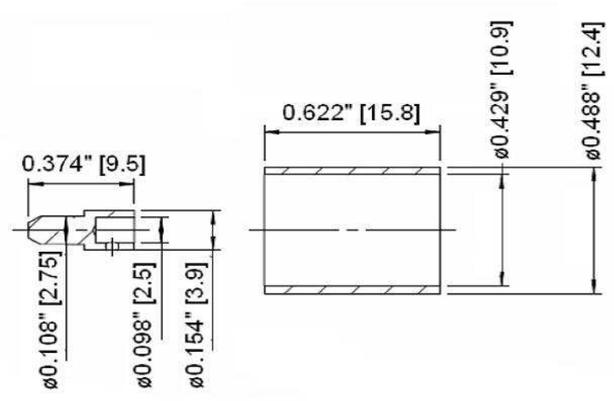
IV. ENVIRONMENT
   - TEMP RANGE -55 °C TO +155 °C
   - WEATHER STANDARD IEC 60068 55/155/56
   - THERMAL SHOCK US MIL-STD 202,METH.107, COND.B
   - VIBRATION US MIL-STD 202 METH.204, COND.B
   - SHOCK US MIL-STD 202,METH.213, COND.I

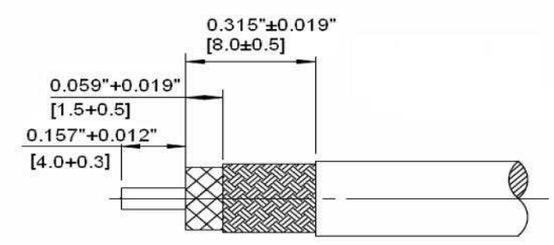
V. ASSEMBLY : INNER CONDUCTOR SOLDERED AND OUTER CONDUCTOR CRIMPED

VI. ROHS COMPLIANT.

272105	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	MODIFY PLATING TO SILVER	29-Dec-00	--	
	B	MODIFY PLATING TO NEXCOTE, UPDATE DRAWING FORMAT	27-May-05	--	
	C	REVISE MATING FACE TO 32 HEX NUT	27-Jul-08	--	
	D	UPDATED PER THE LATEST SUPPLIER PRINT	15-Dec-11	2266	KR







Recommended cable stripping Dim's

4	FERRULE	COPPER	NEXCOTE	1
3	CONTACT PIN	BRASS	GOLD	1
2	INSULATOR	PTFE	NATURAL	1
2	HOUSING	BRASS	NEXCOTE	1
1	BODY	BRASS	NEXCOTE	1
	DESCRIPTION	MATERIAL	FINISH	QTY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 1°

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MATERIAL: SEE TABLE

REFERENCE: TASK # 826

DRAWN: ABHAYA KISHORE	DATE: 15-Dec-11	
ENGINEER: ABHAYA KISHORE	DATE: 15-Dec-11	
APPROVED	DATE	
CAD FILE	DWG SIZE: B	DRAWING NO.: 272105 / REV: D

TITLE: 7/16 CRIMP PLUG (FOR RG-8/U,213/U, LMR 400 CABLE)

Amphenol Connex

SCALE: 2.2:1 | SHEET 1 OF 1