NOTES:

REFERENCE STANDARD IEC60169-11

I. ELECTRICAL PERFORMANCE -

NOMINAL IMPEDANCE	: 50±2 Ω
FREQUENCY RANGE	: DC-3.0 GHz
VSWR	: 1.150 MAX.
PIM	: -160dBc MAX.(2x43dBm)
INSERTION LOSS	: 0.050 dB MAX. (@ 3.0 GHz)
INSULATION RESISTANCE	: 5000 MΩ MIN.
D.W.V	: 2000 VRMS
CONDUCTOR RESISTANCE	: OUTER CONDUCTOR 0.5 mΩ MAX. INNER CONDUCTOR 1.0 mΩ MAX.

II. MECHANICAL PERFORMANCE -

(NUT) TORQUE	: 10-12 N.m
(NUT) WHORL PULL	: 500 N
TENSILE FORCE(CABLE-CONNECTOR)	: 300 N
TORSION(CABLE-CONNECTOR)	: 3.00 N.m

III. MATERIAL AND PLATING -

INNER CONDUCTOR	: SPRING BRONZE ALLOY, PLATING = Ag (5µm MIN.)
OUTER CONDUCTOR	: BRASS, PLATING = COPPER-TIN-ZINC (2µm MIN.)
NUT	: BRASS, PLATING = NI (5µm MIN.)
GASKET	: SILICONE RUBBER
INSULATOR	: PTFE

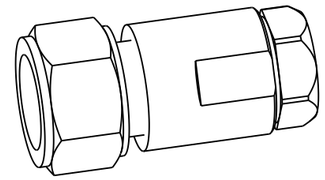
IV. ENVIRONMENTAL -

TEMP RANGE	: -40°C TO +85°C
WEATHER STANDARD	: IEC 60068 40/ 085/ 21
THERMAL SHOCK	: IEC 60068-2-14-NA
VIBRATION	: IEC 60068-2-6-FC
SHOCK	: IEC 60068-2-27
WATERPROOFING STANDARD	: IP67

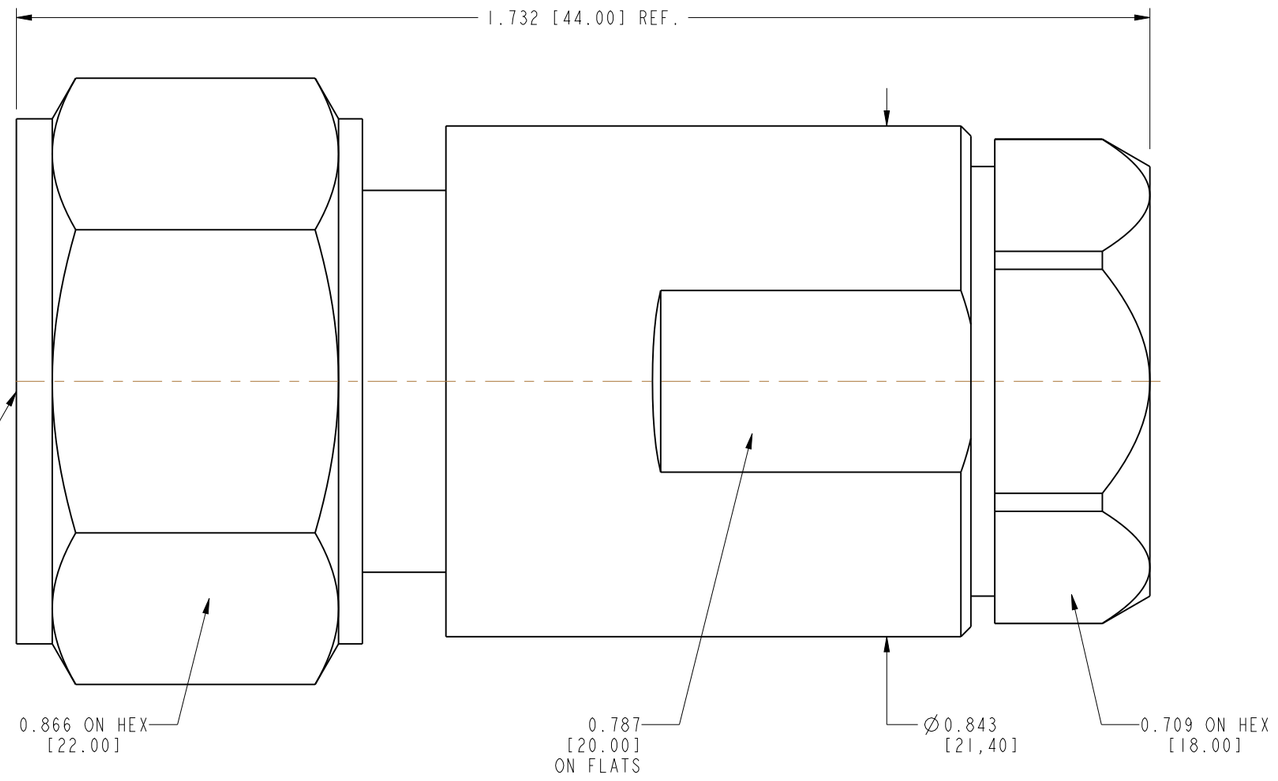
V. ASSEMBLY : INNER AND OUTER CONDUCTOR INSTALLED

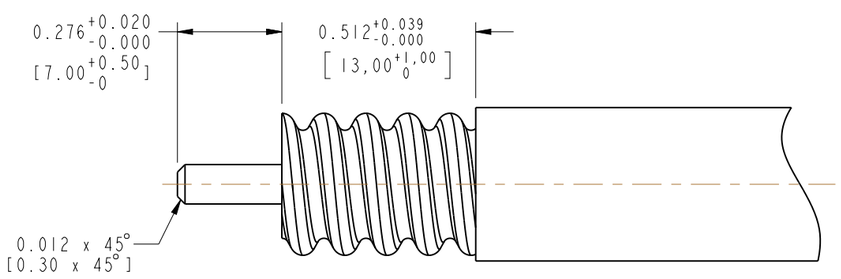
VI. ROHS COMPLIANT

332114	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	03-Jan-14	--	AAP/BG



SCALE 1.000





RECOMMENDED CABLE STRIPPING DIMENSIONS

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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°

MATERIAL: SEE NOTES	DRAWN: A ARUN PRABU	DATE: 04-Oct-13	TITLE: 4.1/9.5 MALE FOR 3/8" H CABLE
REFERENCE	ENGINEER: A ARUN PRABU	DATE: 04-Oct-13	Amphenol Connex
	APPROVED: B.C. GLEISSNER	DATE: 03-Jan-14	SCALE: 4.0:1 / SHEET 1 OF 1
	CAD FILE	DWG SIZE: B	DRAWING NO.: 332114 / REV: A