NOTE:

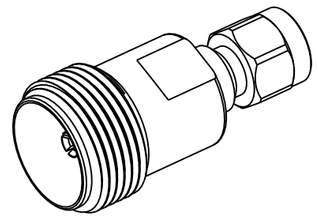
1. ELECTRIC PERFORMANCE
   - IMPEDANCE (Ω) : 50
   - FREQUENCY RANGE : DC-6GHz
   - VSWR : ≤ 1.065 (DC-3GHz)
   - : ≤1.2 (3-6GHz)
   - INSERT LOSS:(dB) : ≤ 0.1
   - INSERT RESISTANCE:(MΩ) : ≤ 5000
   - PIM(dBc) : <-160 (2X43dBm)
   - PROOF VOLTAGE (V) :1000
   - CONDUCTOR RESISTANCE (mΩ) : OUTER CONDUCTOR <0.2
     INNER CONDUCTOR <2.5

II. MECHANICAL PERFORMANCE
   - SMA NUT TORQUE : 0.9Nm
   - MECHANICAL WEAR : 500

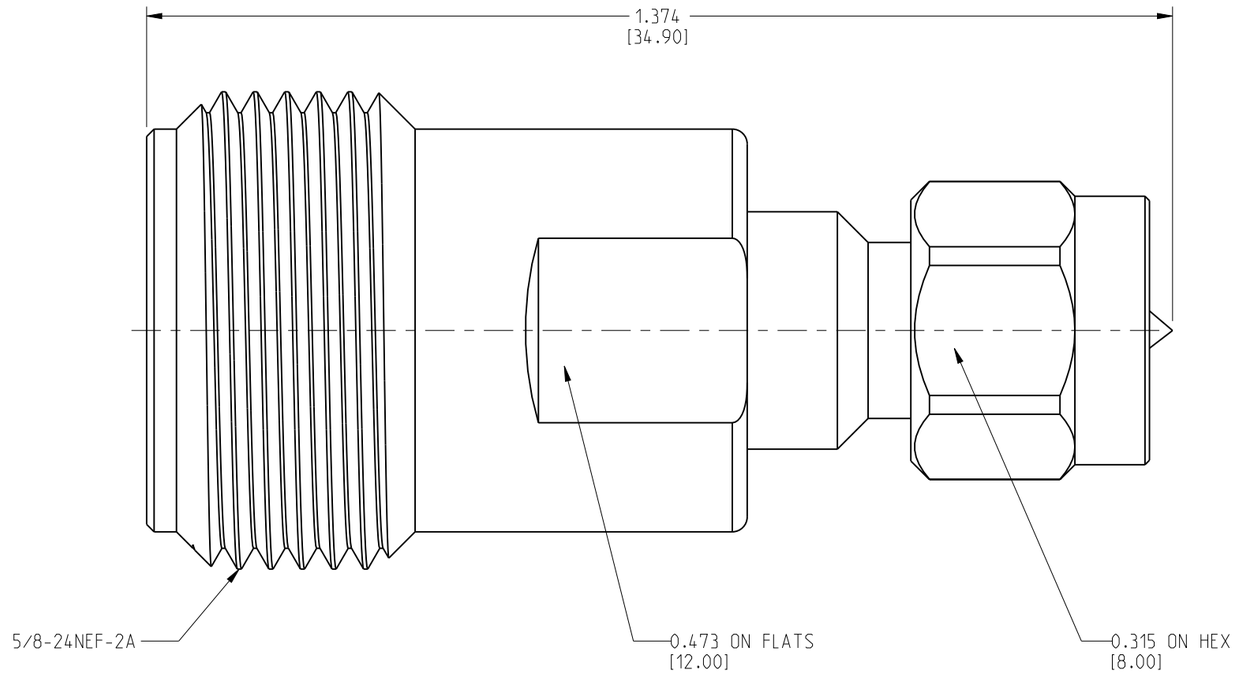
III. MATERIAL AND PLATING
   - INNER CONDUCTOR : BRASS PLATING Ag5 µm
   - OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2 µm
   - NUT : BRASS PLATING Ni5 µm
   - INSULATOR : PTFE
   - ROHS COMPLIANT

IV. ENVIRONMENT
   - TEMP RANGE : -55 °C TO +155 °C
   - WATERPROOF STANDARD : IP67
   - ROHS COMPLIANT

242265	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG	03-Oct-12	--	MG



SCALE 1.500



NO	DESCRIPTION	MATERIAL	FINISH	QTY
4	INSULATOR	PTFE	NATURAL	1
3	NUT	BRASS	NICKEL	1
2	INNER CONDUCTOR	BRASS	SILVER	1
1	OUTER CONDUCTOR	BRASS	WHITE BRONZE	1

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

REFERENCE

DRAWN GOPI M	DATE 03-Oct-12	
ENGINEER GOPI M	DATE 03-Oct-12	
APPROVED	DATE	
CAD FILE		

TITLE: N FEMALE TO SMA MALE ADAPTER, LOW PIM

Amphenol Connex

SCALE: 5.0:1 | SHEET 1 OF 1

DWG SIZE	DRAWING NO.	REV
B	242265	A