NOTE:

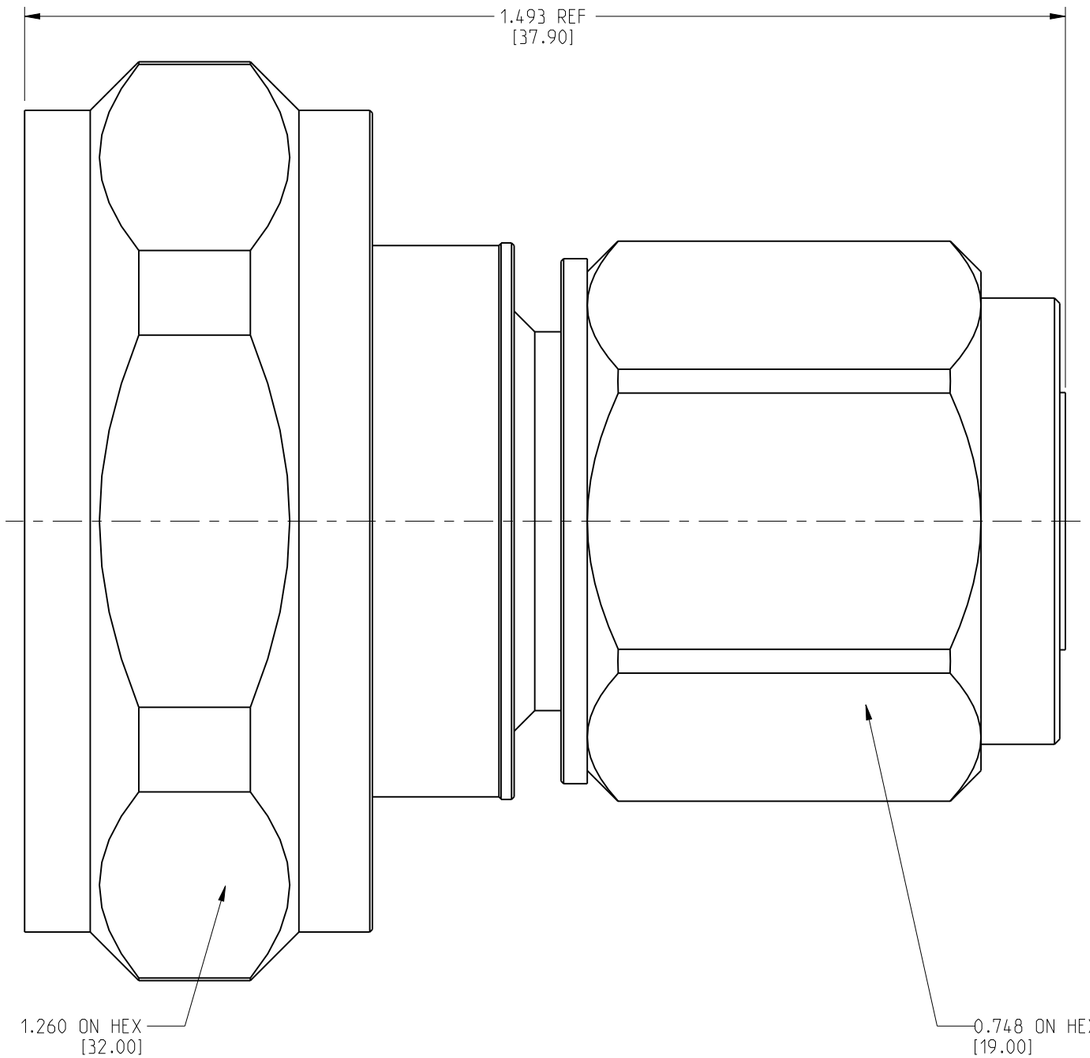
1. ELECTRIC PERFORMANCE
   - IMPEDANCE (Ω) : 50
   - FREQUENCY RANGE : DC-6GHz
   - VSWR : ≤ 1.065 (DC-3GHz)
   - : ≤1.2 (3-6GHz)
   - INSERT LOSS (dB) : ≤ 0.1
   - PIM(dBc) : ≤-160 (2X43dBm)
   - INSULATION RESISTANCE (MΩ) : >5000
   - PROOF VOLTAGE (V) :2500
   - CONDUCTOR RESISTANCE (mΩ) : OUTER CONDUCTOR <0.2
     INNER CONDUCTOR <0.8

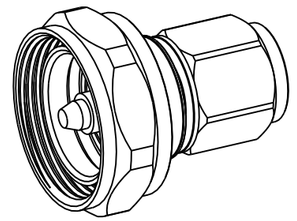
II. MECHANICAL PERFORMANCE
   - NUT TORQUE 7/16 : 25N.m N : 5N.m
   - MECHANICAL WEAR : 500

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

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

242138	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	NC	INITIAL RELEASE	13-Jun-99	--	
	A	UPDATED DRAWING FORMAT	27-Mar-08	--	
	B	UPDATED DRAWING AS PER FUYANG PRINT	26-Oct-10	2116	CL
	C	LOW PIM ADDED IN DESCRIPTION & ISOMETRIC VIEW ADDED	01-Oct-12	2387	KR





SCALE 1.000

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

REFERENCE:

DRAWN: KARTHIK R	DATE: 01-Oct-12	
ENGINEER: KARTHIK R	DATE: 01-Oct-12	
APPROVED	DATE	
CAD FILE		

TITLE: 7/16 MALE TO N MALE ADAPTER, LOW PIM

Amphenol Connex

SCALE: 4.4:1 | SHEET 1 OF 1

DWG SIZE	DRAWING NO.	REV
B	242138	C