

NOTE:

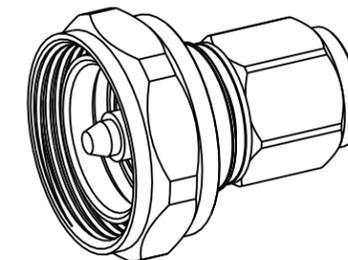
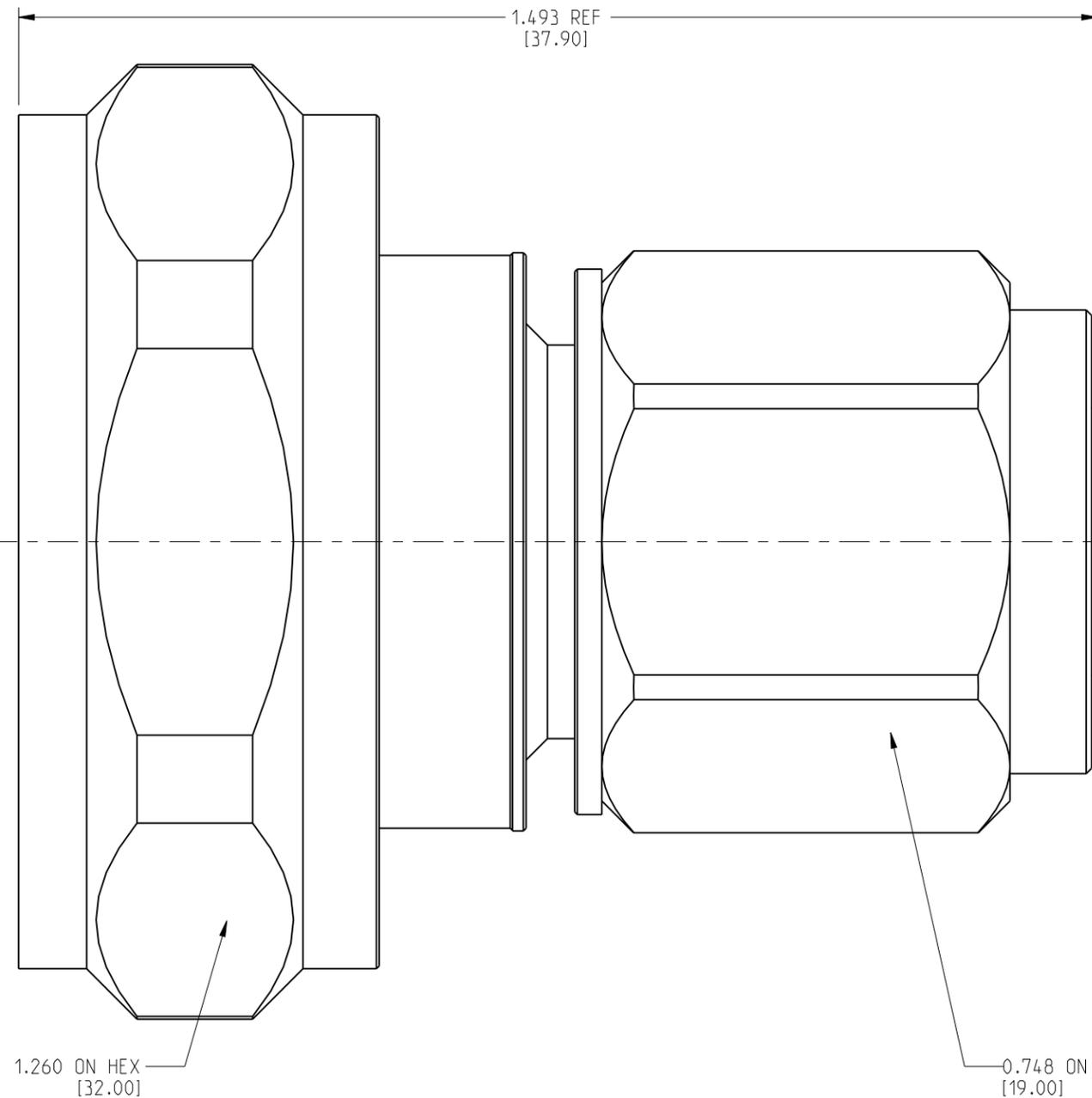
1. ELECTRIC PERFORMANCE
 IMPEDANCE (Ω) : 50
 FREQUENCY RANGE : DC-6GHz
 VSWR : ≤ 1.065 (DC-3GHz)
 : ≤ 1.2 (3-6GHz)
 INSERT LOSS (dB) : ≤ 0.1
 PIM(dBc) : ≤ -160 (2X43dBm)
 INSULATION RESISTANCE ($M\Omega$) : >5000
 PROOF VOLTAGE (V) : 2500
 CONDUCTOR RESISTANCE ($m\Omega$) : OUTER CONDUCTOR <0.2
 INNER 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 μ m
 OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC 2 μ m
 NUT : BRASS PLATING Ni5 μ m
 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

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES
 ± 0.015 (0,381 mm) ± 0.005 (0,127 mm) $\pm 1^\circ$

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MATERIAL	DRAWN	DATE	TITLE	Amphenol Connex	
SEE NOTES	KARTHIK R	01-Oct-12	7/16 MALE TO N MALE ADAPTER, LOW PIM	SCALE: 4.4:1 SHEET 1 OF 1	
REFERENCE	ENGINEER	01-Oct-12			
	APPROVED	DATE			
	CAD FILE	DWG SIZE	DRAWING NO.	REV	
		B	242138	C	