

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 N : 5Nm
MECHANICAL WEAR : 500

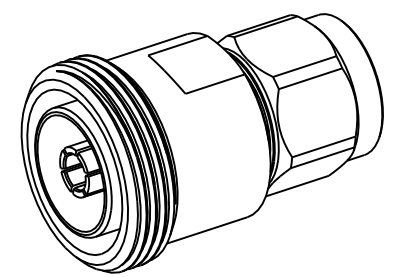
- III. MATERIAL AND PLATING
- | | |
|-----------------|---|
| INNER CONDUCTOR | : SPRING COPPER PLATING Ag5 μ m |
| OUTER CONDUCTOR | : BRASS PLATING COPPER-TIN-ZINC 2 μ m |
| NUT | : BRASS PLATING Ni5 μ m |
| INSULATOR | : PTFE |

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

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) $\pm 1^\circ$	MATERIAL REFERENCE	DRAWN GOPI M ENGINEER GOPI M APPROVED CAD FILE	DATE 03-Oct-12 DATE 03-Oct-12 DATE	TITLE 7/16 FEMALE TO N MALE ADAPTER, LOW PIM	Amphenol Connex	SCALE: 4:1:1 SHEET 1 OF 1	DWG SIZE B	DRAWING NO. 242135	REV B
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242135	REVISIONS				
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ. 	NC	INITIAL RELEASE	13-Jun-99	--	
	A	UPDATE DRAWING FORMAT / MODIFY PLATING SPEC	22-May-05	--	
	B	ADDED NOTED. ISOMETRIC VIEW & LOW PIM ADDED IN DESCRIPTION	03-Oct-12	2388	MG



SCALE 1.000

