

NOTE:

1. ELECTRIC PERFORMANCE
- IMPEDANCE (Ω)

: 50
- FREQUENCY RANGE

: DC -6GHz
- VSWR

: \leq 1.065 (DC -3GHz)
- INSERT LOSS (dB)

: \leq 0.1
- PIM(dBc)

: \leq -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

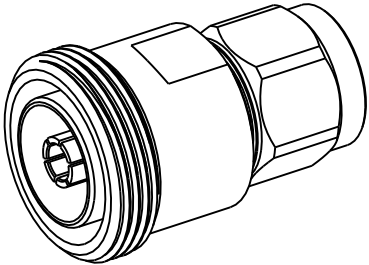
IV. ENVIRONMENT

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

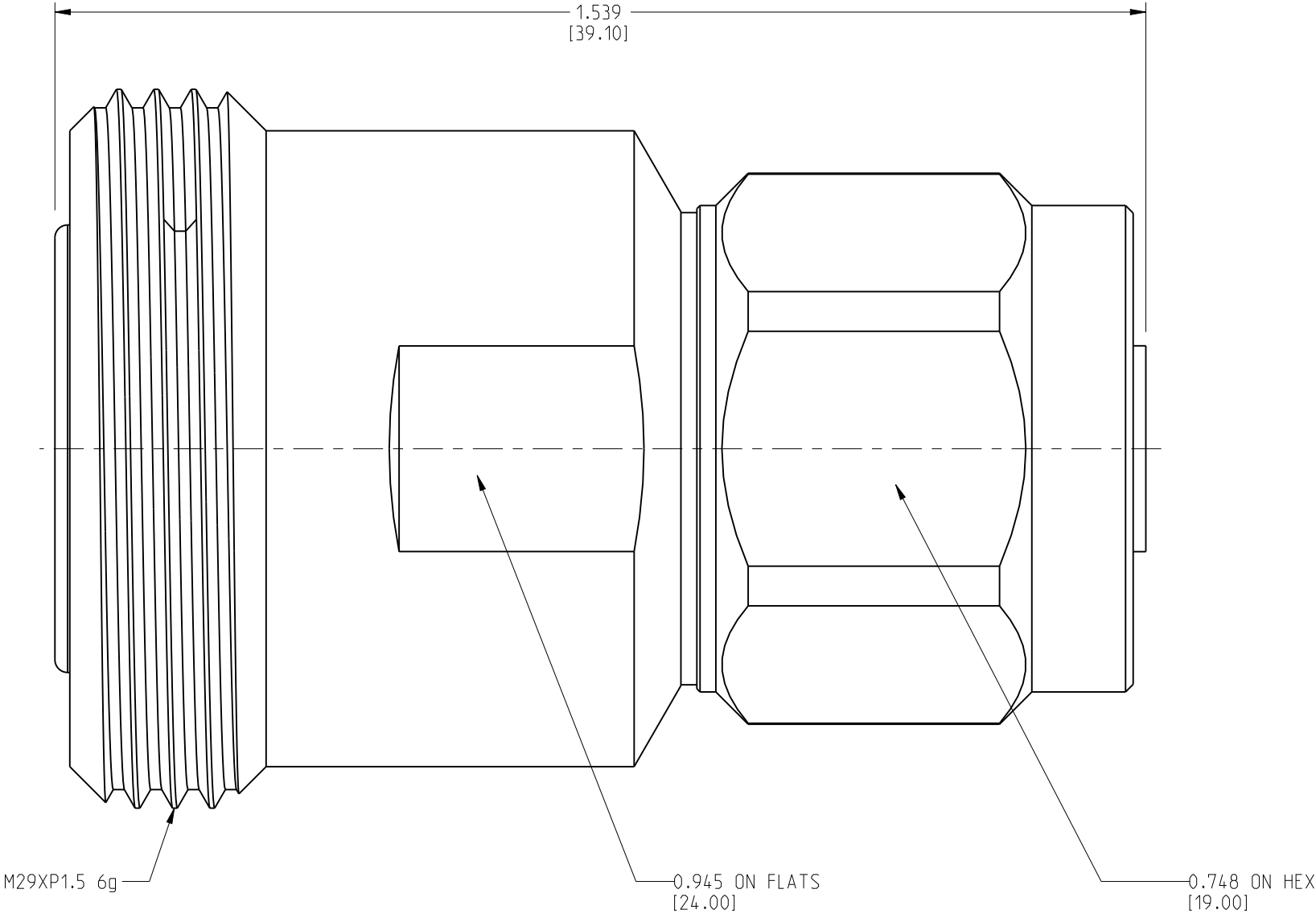
242135

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
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



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 ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL	DRAWN GOPI M	DATE 03-Oct-12	TITLE 7/16 FEMALE TO N MALE ADAPTER, LOW PIM		Amphenol Connex	
	REFERENCE	ENGINEER GOPI M	DATE 03-Oct-12				
			APPROVED			DATE	
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