## NOTE:

I. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE ( $\Omega$ ) : 50 FREQUENCY RANGE : DC-6GHz

VSW R : ≤ 1.065 (DC -3GHz) ≤ 1.3 (3-6GHz) PIM(dBc): : ≤ 160 (2X43dBm)

INSERT LOSS (dB) :  $\leq$  0.1 INSULATION RESISTANCE (M $\Omega$ ) : >5000 PROOF VOLTAGE (V) : 2500

CONDUCTOR RESISTANCE (m $\Omega$ ): OUTER CONDUCTOR <0.2 INNER CONDUCTOR <0.8

## II. MECHANICAL PERFORMANCE

MECHANICAL WEAR : 500

III.MATERIAL AND PLATING:

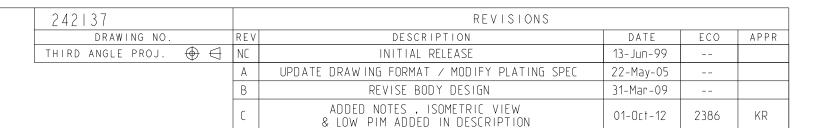
INNER CONDUCTOR : SPRING COPPER PLATING Ag5 µm
OUTER CONDUCTOR : BRASS PLATING COPPER-TIN-ZINC2 µm
INSULATOR : PTFE

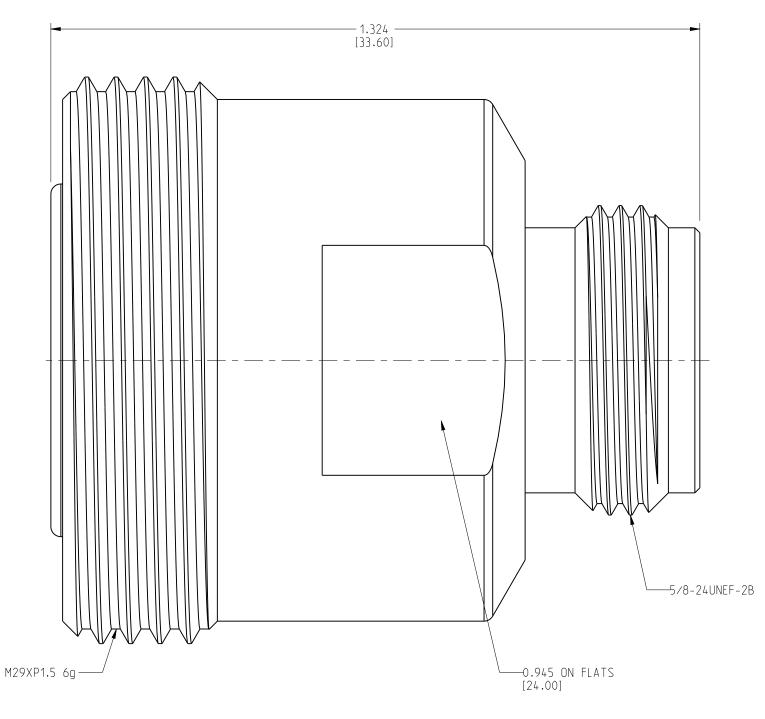
INSOLATOR . I II

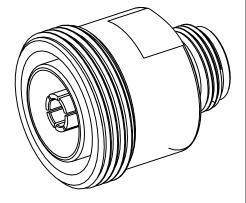
IV. ENVIRONMENT
TEMP RANGE : -55 °C TO +155 °C

WATERPROOF STANDARD 1P67

ROHS COMPLIANT







SCALE 1.500

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

UNLESS OTHERWISE SPECIFIED 2 PLACE DECIMAL	, DIMENSION 3 PLACE I		CHES AND	TOLERANCES ANGLES	ARE:
$\pm .015$ (0,381 mm)	±.005 (0	,127 mm)		± 1°	
NOTICE - These drawings, specifi	cations, or	other data (	I) are, and	remain the	

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MATERIAL
REFERENCE

DRAWN	DATE
KARTHIK R	01-0ct-12
ENGINEER	DATE
KARTHIK R	01-0ct-12
APPROVED	DATE
CAD FILE	

LE
7/16 FEMALE TO N FEMALE
ADAPTER, LOW PIM

Amp	h	е	n	$\Diamond$	
$C \circ$	n	n	e	Χ	

	SCALE: 5.2:1	SHEET	1	OF	I
NO					REV

LE	DWG	SIZE	DRAWING	NC	) .
	F	a l		2 /	40