

NOTE:

1. ELECTRIC PERFORMANCE
- IMPEDANCE ( $\Omega$ )

FREQUENCY RANGE

VSWR

INSERT LOSS (dBc)

PIM(dBc)

INSULATION RESISTANCE ( $M\Omega$ )

PROOF VOLTAGE (V)

CONDUCTOR RESISTANCE ( $m\Omega$ )
- : 50

: DC-6GHz

:  $\leq 1.065$  (DC-3GHz)

:  $\leq 1.2$  (3-6GHz)

:  $\leq 0.1$

:  $\leq -160$  (2X43dBm)

: >5000

: 2500

: OUTER CONDUCTOR <0.4

: INNER CONDUCTOR <0.8

- II. MECHANICAL PERFORMANCE
- NUT TORQUE 7/16

MECHANICAL WEAR
- : >25Nm

: 500

- III. MATERIAL AND PLATING
- INNER CONDUCTOR

OUTER CONDUCTOR

NUT

INSULATOR
- : SPRING COPPER PLATING Ag5  $\mu$ m

: BRASS PLATING COPPER-TIN-ZINC 2  $\mu$ m

: BRASS PLATING Ni5

: PTFE

- IV. ENVIRONMENT
- TEMP RANGE

WATERPROOF STANDARD

ROHS COMPLIANT
- : -55 °C TO +155 °C

: IP67

242136

DRAWING NO.

THIRD ANGLE PROJ.



REVISIONS

REV

DESCRIPTION

DATE

ECO

APPR

A

RELEASE TO MFG.

07-Sep-09

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B

BOM UPDATED

03-Sep-10

2093

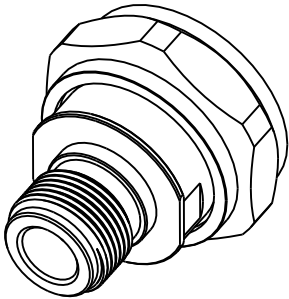
C

ADDED NOTES, ISOMETRIC VIEW &  
LOW PIM ADDED IN DESCRIPTION

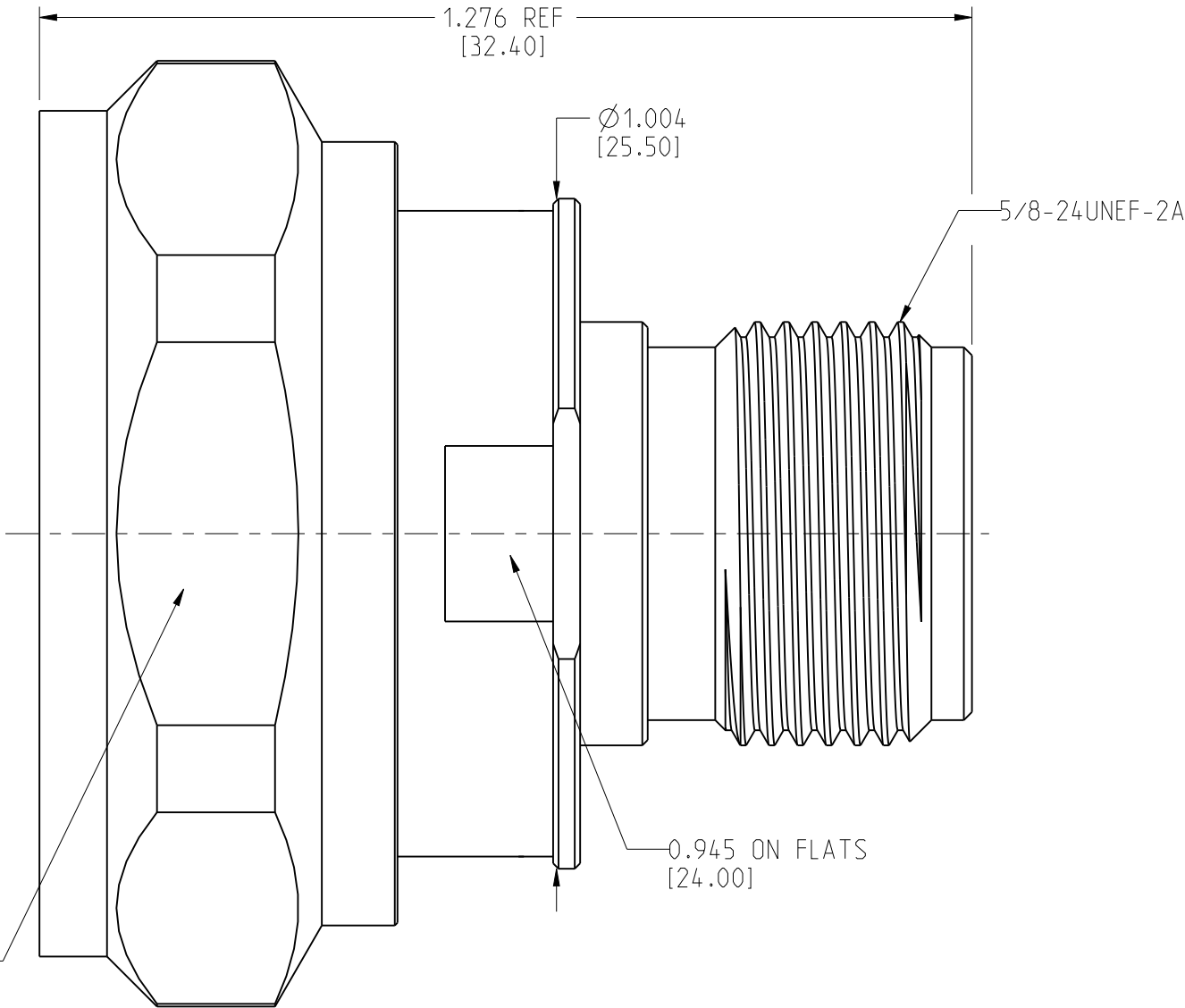
01-Oct-12

2389

RAK



SCALE 1.000



4	INNER CONDUCTOR	SPRING COPPER	SILVER	1
3	INSULATOR	PTFE	NATURAL	1
2	OUTER CONDUCTOR	BRASS	WHITE BRONZE	1
1	NUT	BRASS	NICKEL	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)  $\pm 1^\circ$

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MATERIAL

SEE NOTES

REFERENCE

DRAWN

ABHAYA KISHORE

ENGINEER

ABHAYA KISHORE

APPROVED

CAD FILE

DATE

01-Oct-12

DATE

01-Oct-12

DATE

TITLE

7/16 MALE TO N FEMALE  
ADAPTER, LOW PIM.

Amphenol  
Connex

SCALE: 4.0:1

SHEET 1 OF 1

DWG SIZE

B

DRAWING NO.

242136

REV

C