

NOTE:

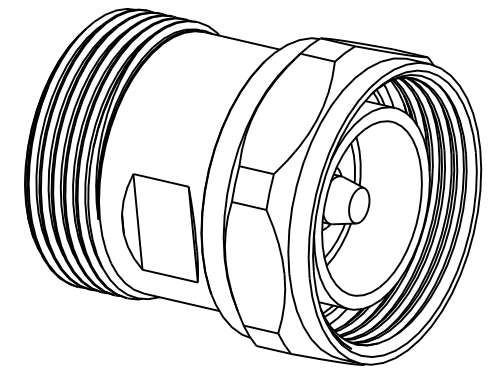
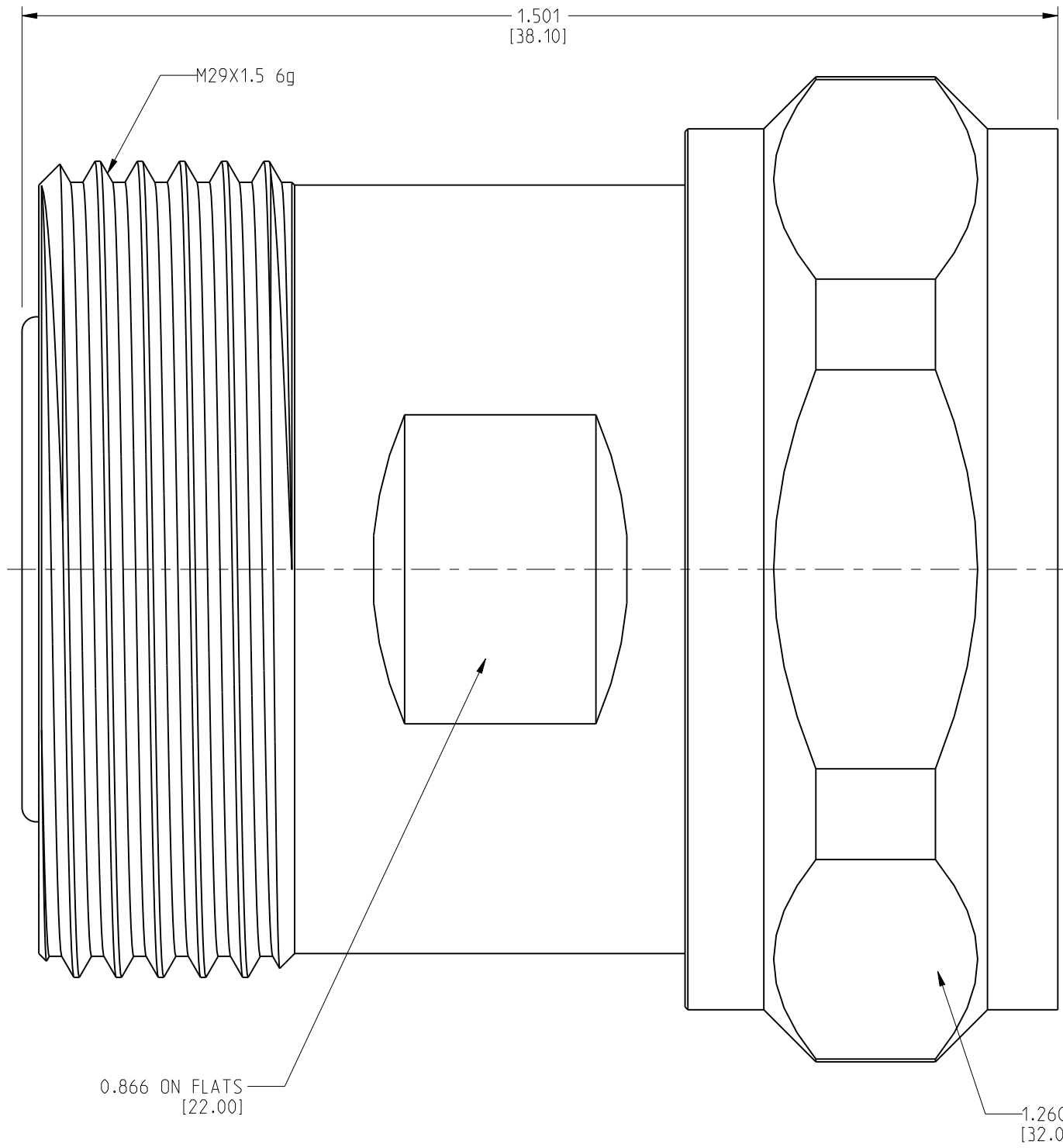
1. ELECTRIC PERFORMANCE
 IMPEDANCE (Ω) : 50
 FREQUENCY RANGE : DC-6GHz
 VSWR : ≤ 1.065 (DC-3GHz)
 : ≤ 1.1 (3-6GHz)
 INSERT LOSS : ≤ 0.1
 INSULATION RESISTANCE ($M\Omega$) : >10000
 PIM(dBc) : ≤ -160 (2X43dBm)
 PROOF VOLTAGE (V) : 3000
 CONDUCTOR RESISTANCE ($m\Omega$) : OUTER CONDUCTOR <0.2
 INNER CONDUCTOR <0.8

- II. MECHANICAL PERFORMANCE
 MECHANICAL WEAR : 500
 NUT TORQUE: 25 N.m

- 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
 ROHS COMPLIANT

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

| | | | | | |
|-------------------|-----|--|-----------|------|------|
| 272292 | | REVISIONS | | | |
| DRAWING NO. | REV | DESCRIPTION | DATE | ECO | APPR |
| THIRD ANGLE PROJ. | A | RELEASE TO MFG. | 17-Jul-10 | -- | |
| | B | LOW PIM ADDED IN DESCRIPTION ISOMETRIC VIEW ADDED | 01-Oct-12 | 2384 | AAP |



SCALE 1.300

| | | | | |
|----|-----------------|----------|--------------|-----|
| 4 | NUT | BRASS | NICKEL | 1 |
| 3 | INNER CONDUCTOR | BRASS | SILVER | 1 |
| 2 | INSULATOR | PTFE | NATURAL | 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 ± 0.015 (0,381 mm)
 3 PLACE DECIMAL ± 0.005 (0,127 mm)
 ANGLES $\pm 1^\circ$

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|-----------|-----------|----------|--------------|-------------|-----------|--|--------------------|
| MATERIAL | SEE NOTES | DRAWN | A ARUN PRABU | DATE | 01-Oct-12 | TITLE 7/16 FEMALE TO MALE ADAPTER, LOW PIM | Amphenol Connex |
| REFERENCE | | ENGINEER | A ARUN PRABU | DATE | 01-Oct-12 | | |
| | | APPROVED | | DATE | | | |
| | | CAD FILE | | | | | |
| | | DWG SIZE | B | DRAWING NO. | 272292 | SCALE: 4.8:1 | SHEET 1 OF 1 |
| | | | | | | | REV B |