

# PRODUCT SPECIFICATION DRAWING

**P2RSA-3752**

**FINISH:**  
BODIES &  
HARDWARE: PASSIVATED PER QQ-P-35C, TYPE II

CONTACTS: GOLD OVER NICKEL

**PERFORMANCE:**  
IMPEDANCE: 50 OHMS  
VP: 70%  
FREQ. RANGE: DC TO 18 GHz  
DELAY: 103ps 17.9 GHz SPAN  
VSWR: 1.25:1 (MAX) FOR DC-18 GHz  
INSERTION LOSS: -.2db @ 18 GHz  
OPERATING  
TEMP RANGE: -65°C TO +155°C

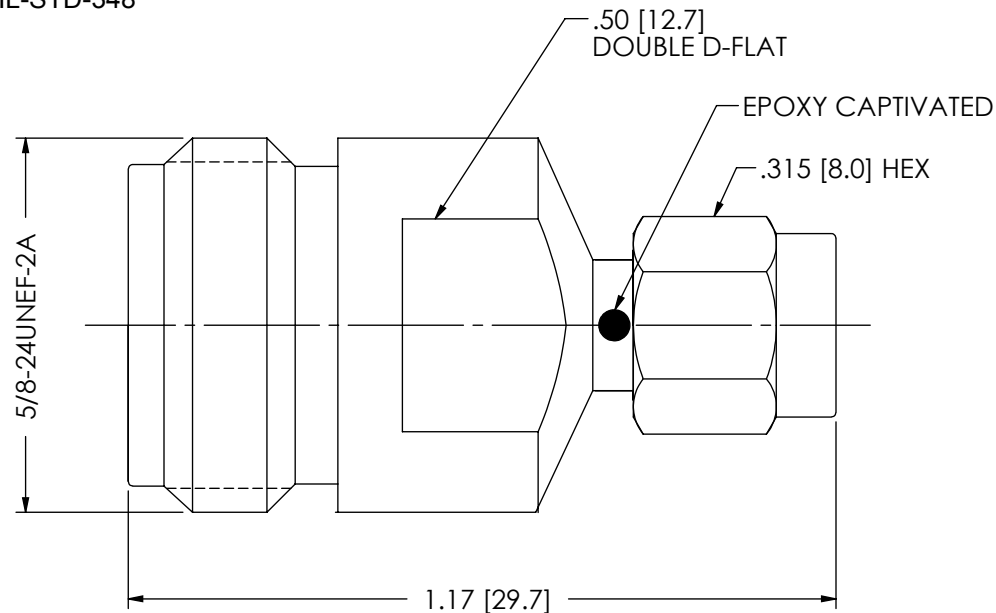
**MECHANICAL (TYP)**  
CONNECTOR: MATES WITH MIL-STD-348

**MATERIAL:**  
BODY &  
SHELL: STAINLESS STEEL PER AMS-5640, TYPE 303,  
COND.A

CONTACTS: BERYLLIUM COPPER PER ASTM B196,  
ALLOY UNS C17300

O-RING: SI RUBBER, ZZ-R-765 DUROMETER 70

INSULATOR: PTFE PER ASTM-D1710



**RoHS  
COMPLIANT**

**PROPRIETARY**

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DIMENSIONS ARE IN INCHES  
TOLERANCES:

|             |       |
|-------------|-------|
| FRACTIONAL: | ±1/64 |
| ANGULAR: X° | ±1°0' |
| X'X"        | ±15'  |
| DECIMAL: .X | ±.030 |
| .XX         | ±.015 |
| .XXX        | ±.005 |

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

UNLESS OTHERWISE SPECIFIED

- 1) ALL DIMENSIONS ARE AFTER PLATING & HEAT TREATING.
- 2) BREAK CORNERS & EDGES .005 RADIUS MAX.
- 3) CHAMFER FIRST & LAST THREADS.
- 4) SURFACE ROUGHNESS 63 VI/A.W. MIL-STD-10.
- 5) DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R.
- 6) REMOVE ALL BURRS

|               |               |          |
|---------------|---------------|----------|
| DRAWN BY:     | C. ZUNIGA     | 05/05/10 |
| ENG APPROVAL: | D. McREYNOLDS |          |
| MFG APPROVAL: | --            |          |
| QA APPROVAL:  | --            |          |

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TITLE: **N JACK TO SMA PLUG ADAPTER**

|          |               |                   |
|----------|---------------|-------------------|
| SIZE     | CODE          | DWG. NO.          |
| <b>A</b> | <b>000000</b> | <b>P2RSA-3752</b> |

SHEET 1 OF 1

| REVISION HISTORY |                     |          |          |
|------------------|---------------------|----------|----------|
| REV              | DESCRIPTION         | DATE     | APPROVED |
| -                | ENGINEERING RELEASE | 05/05/10 | JDMc     |
|                  |                     |          |          |
|                  |                     |          |          |