

# PRODUCT SPECIFICATION DRAWING

**P2RSA-3704**

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

CONTACTS: GOLD OVER NICKEL

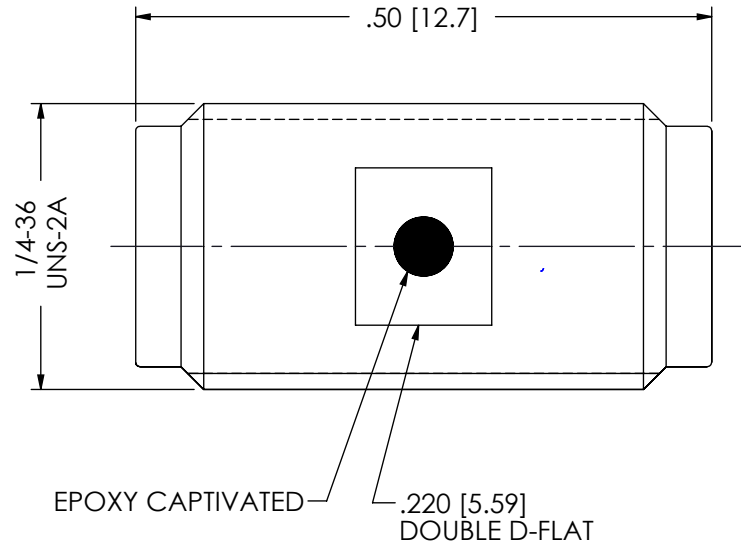
**PERFORMANCE:**  
IMPEDANCE: 50 OHMS  
VP: 70%  
FREQ. RANGE: DC TO 18 GHz  
DELAY: 44ps 17.9 GHz SPAN  
VSWR: 1.20:1 (MAX) FOR DC-18 GHz  
INSERTION LOSS: -.2db @ 18 GHz  
OPERATING  
TEMP RANGE: -65°C TO +155°C

**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

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 Y1 I.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:

**SMA JACK TO  
SMA JACK ADAPTER**

SIZE CODE DWG. NO.

**A**

**P2RSA-3704**

SHEET 1 OF 1

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
-	ENGINEERING RELEASE	05/05/10	JDMc