

# 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

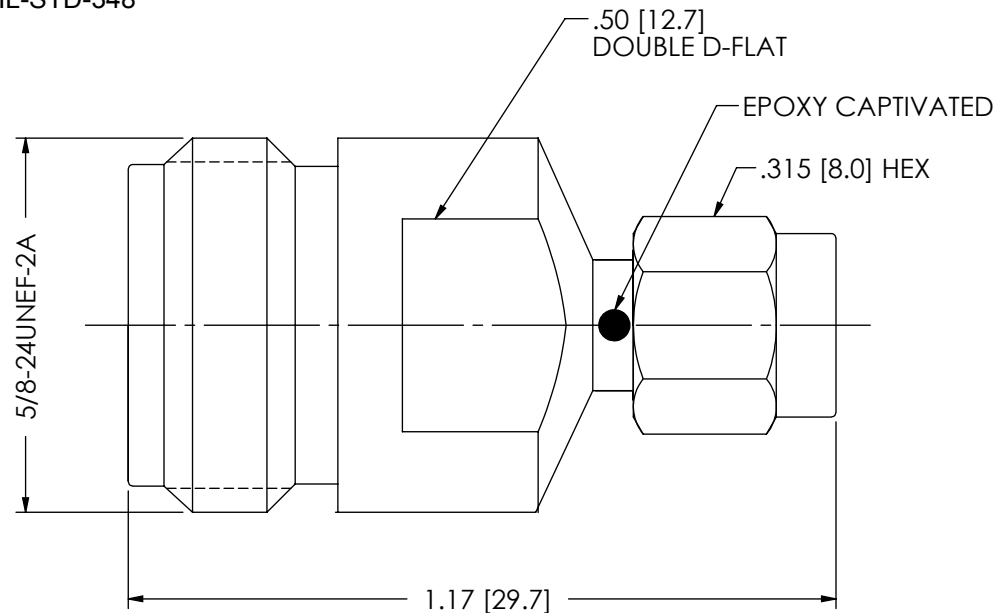
**MECHANICAL (TYP)**  
CONNECTOR: MATES WITH MIL-STD-348

**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 V.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: **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