

# PRODUCT SPECIFICATION DRAWING

**P2RSA-3753**

**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: 128ps 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

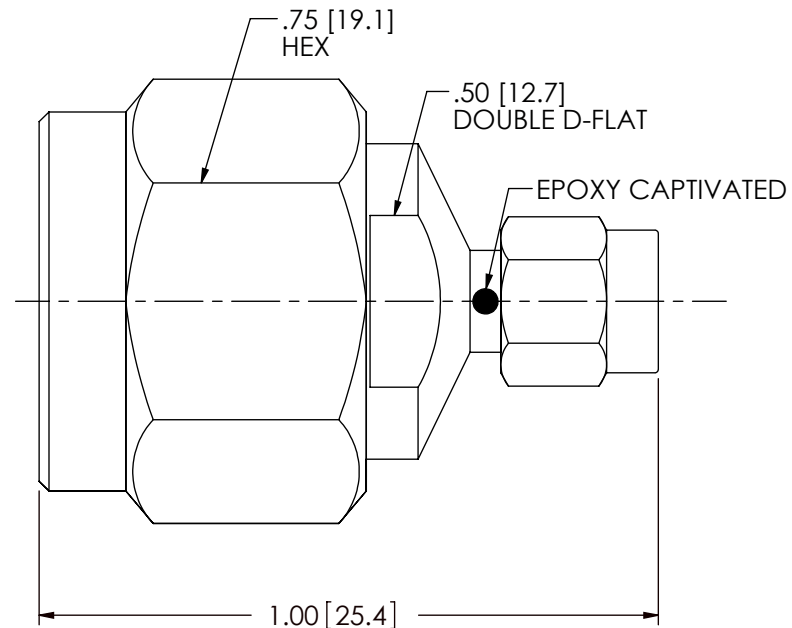
**MECHANICAL (TYP)**  
CONNECTOR: MATES WITH MIL-STD-348

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

CONTACTS: BERYLLIUM COPPER PER ASTM B196,  
ALLOY UNS C17300

GASKET  
& O-RING: SILICONE RUBBER, ZZ-R-765 DUROMETER 70

INSULATOR: PTFE PER ASTM-D1710



<b>REVISION HISTORY</b>				 <b>PROPRIETARY</b>	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/A.W. MIL-STD-10. 5) DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R. 6) REMOVE ALL BURRS		<b>RFP<sup>2</sup> RF PRECISION PRODUCTS</b> A DIVISION OF RF INDUSTRIES 7610 MIRAMAR ROAD, SAN DIEGO, CA 92126-4202 (858) 549-6340 - FAX (858) 549-6345 - RFP2@RFINDUSTRIES.COM	
REV	DESCRIPTION	DATE	APPROVED			THE INFORMATION HEREIN IS CONFIDENTIAL AND PROPRIETARY. NO DISCLOSURE, REPRODUCTION, OR FURTHER DISSEMINATION MAY BE MADE WITH-OUT THE EXPRESSED WRITTEN CONSENT OF RF INDUSTRIES.	DRAWN BY: C. ZUNIGA	05/05/10	TITLE: <b>N PLUG TO SMA PLUG ADAPTER</b>
-	ENGINEERING RELEASE	05/05/10	JDMc		ENG APPROVAL: D. McREYNOLDS		SIZE	CODE	DWG. NO.
					MFG APPROVAL: --		<b>A</b>	<b>000000</b>	<b>P2RSA-3753</b>
					QA APPROVAL: --		SHEET 1 OF 1		