

# PRODUCT SPECIFICATION SHEET

**P2RSA-3705**

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

**CONTACTS:** GOLD OVER NICKEL

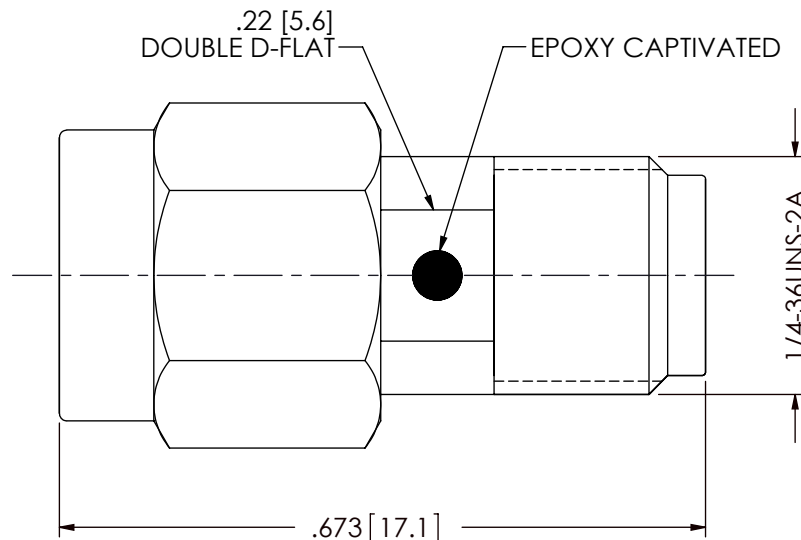
**PERFORMANCE:**  
**IMPEDANCE:** 50 OHMS  
**FREQ. RANGE:** DC TO 18 GHz  
**VP:** 70%  
**DELAY:** 65ps 17.9 GHz SPAN  
**VSWR:** 1.20:1 (MAX) FOR DC-18 GHz  
**INSERTION LOSS:** <-.2dB @ 18 GHz  
**OPERATING TEMP RANGE:** -65°C TO +125°C  
**CONNECTOR:** MATES WITH MIL-STD-348

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

**GASKET:** SI RUBBER

**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:		UNLESS OTHERWISE SPECIFIED	
FRACTIONAL:	±1/64	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	
ANGULAR: X°	±1°0'	DRAWN BY:	C. ZUNIGA 05/05/10
X°X'	±15'	ENG APPROVAL:	D. McREYNOLDS
DECIMAL: .X	±.030	MFG APPROVAL:	--
.XX	±.015	QA APPROVAL:	--
.XXX	±.005		
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994			

**RFP<sup>2</sup> RF PRECISION PRODUCTS**  
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TITLE: **SMA PLUG TO SMA JACK ADAPTER**

SIZE	CODE	DWG. NO.
<b>A</b>	<b>000000</b>	<b>P2RSA-3705</b>
SHEET 1 OF 1		

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