

# PRODUCT SPECIFICATION DRAWING

**P2RF35F-35F-00000**

**FINISH:**  
BODIES: PASSIVATED PER MIL-G-45204B

**CONTACTS:** .000050 min. GOLD PER MIL-G-45204, TYPE II,  
GRADE C, CLASS 1 OVER .000050 min.  
NICKEL PER QQ-N-290A

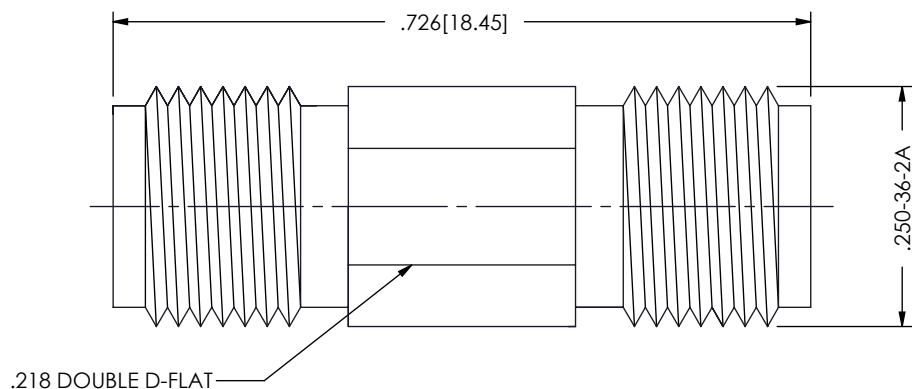
**MATERIAL:**  
BODIES &  
HARDWARE: NON-MAGNETIC STAINLESS STEEL PER ASTM  
A582, CLASS 303 CONDITION A.

**PERFORMANCE:**  
IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 26.5 GHz  
VSWR: 1.04 + .006 f (f=GHz) MAX. DC-34 GHz  
INSERTION LOSS: -.06√F (GHz)  
OPERATING  
TEMP RANGE: -55°C TO +105°C  
CONTACT  
RESISTANCE: OUTER CONTACT = 2.0 MILLIOHMS  
CENTER CONTACT = 3.0 MILLIOHMS

**CONNECTOR  
DURABILITY:** 500 CYCLES MIN.

**CONTACTS:** BERYLLIUM COPPER PER QQ-C-530, HEAT TREATED PER  
MIL-H-7199

**INSULATOR:** REXOLITE



<b>REVISION HISTORY</b>				<div style="display: flex; justify-content: center; align-items: center;"> <div style="text-align: center; margin-right: 10px;"> </div> <div style="text-align: center;"> <p><b>PROPRIETARY</b></p> <p style="font-size: small;">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.</p> </div> </div>	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	<p style="font-size: x-small;">7610 MIRAMAR ROAD, SAN DIEGO, CA 92126-4202 (858) 549-6340 - FAX (858) 549-6345 - RFP2@RFINDUSTRIES.COM</p>
REV	DESCRIPTION	DATE	APPROVED		DRAWN BY: C. ZUNIGA 06/21/11 ENG APPROVAL: D. McREYNOLDS MFG APPROVAL: -- QA APPROVAL: --	<p style="font-size: 2em; font-weight: bold; margin: 0;">RFP<sup>2</sup></p> <p style="font-size: small; margin: 0;">RF PRECISION PRODUCTS A DIVISION OF RF INDUSTRIES</p> <p style="font-size: 1.5em; font-weight: bold; margin: 0;">3.5mm, JACK TO JACK ADAPTER</p> <p style="font-size: x-small; margin: 0;">SIZE: <b>A</b> CODE: <b>000000</b> DWG. NO.: <b>P2RF35F-35F-00000</b></p> <p style="font-size: x-small; margin: 0;">SHEET 1 OF 1</p>	
-	ENGINEERING RELEASE	06/21/11	JDMc				