

# PRODUCT SPECIFICATION DRAWING

**P2RFD-1660-SS**

**FINISH:**

BODY &  
HARDWARE:  
SHELL:  
CONTACTS:

WHITE BRONZE  
PASSIVATED PER QQ-P-35C, TYPE II  
WHITE BRONZE OVER SILVER OVER COPPER

**PERFORMANCE:**

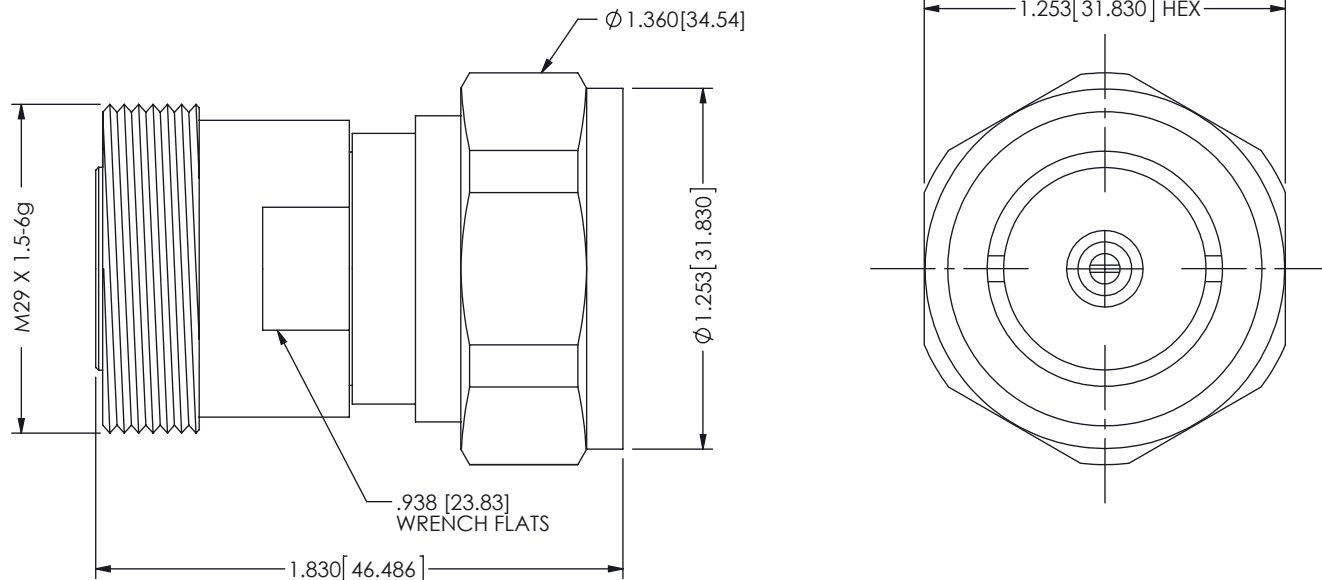
IMPEDANCE: 50 OHMS  
VP: 77%  
FREQ. RANGE: DC TO 7.5 GHz  
DELAY: 132 ps OVER 7.5 GHz SPAN  
VSWR: <1.15:1 TO 7.5 GHz  
INSERTION LOSS: <-.1 dB TO 7.5 GHz  
3rd ORDER IMP: >-170dBc IN PCS BAND w/2 +43 dB TONES  
TEMP RANGE: -55°C TO +150°C

**MECHANICAL (TYP)**

MATING: M29 X 1.5mm THREAD  
INTERFACE: CECC 22 190  
MATING CYCLES: 500 min

**MATERIAL:**

BODY & PIN: BRASS  
CONTACTS: BERYLLIUM COPPER PER ASTM B196,  
ALLOY UNS C17300  
SHELL: STAINLESS STEEL PER AMS-5640, TYPE 303,  
COND.A  
GASKET: SILICONE RUBBER, ZZ-R-765 DUROMETER 70  
INSULATOR: PTFE PER ASTM-D1710



<b>REVISION HISTORY</b>				<b>RoHS COMPLIANT</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		<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				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	
-	ENGINEERING RELEASE	04/05/12	JDMc	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.	ENG APPROVAL: D. McREYNOLDS		SIZE: A	CODE: 000000	DWG. NO. P2RFD-1660-SS
					QA APPROVAL: --		SHEET 1 OF 1		