

PRODUCT SPECIFICATION DRAWING

P2RF35M-35M-00000

FINISH:
 BODIES & SHELL: PASSIVATED PER MIL-G-45204B
 PIN: GOLD OVER NICKEL

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
 RESISTANCE: OUTER CONTACT = 2.0 MILLIOHMS
 CENTER CONTACT = 3.0 MILLIOHMS

CONNECTOR DURABILITY: 500 CYCLES MIN.

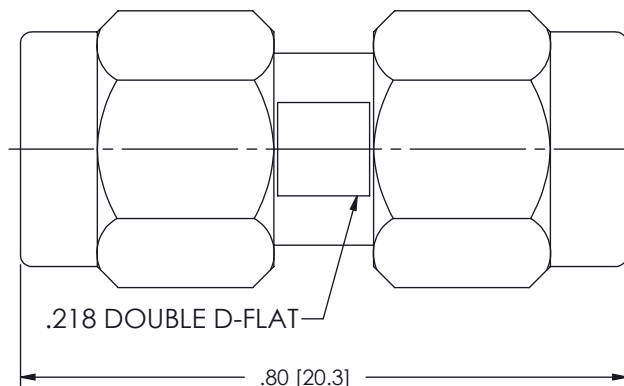
MATERIAL:
 BODIES & HARDWARE: NON-MAGNETIC STAINLESS STEEL PER ASTM A582, CLASS 303 CONDITION A.
 PIN: BERYLLIUM COPPER PER QQ-C-530

SHELL: STAINLESS STEEL PER AMS-5640, TYPE 303, COND.A

RETAINING RING: BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300

GASKET: SILICONE RUBBER, ZZ-R-765 DUROMETER 70

INSULATOR: REXOLITE



**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 Y1 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 06/22/11

ENG APPROVAL: D. McREYNOLDS

MFG APPROVAL: --

QA APPROVAL: --

RFP² RF PRECISION PRODUCTS

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TITLE:
3.5mm PLUG TO PLUG
ADAPTER

SIZE	CODE	DWG. NO.
A	000000	P2RF35M-35M-00000
SHEET 1 OF 1		

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	ENGINEERING RELEASE	06/22/11	JDMc