

PRODUCT SPECIFICATION DRAWING

P2RSA-3705-085-03

FINISH:
SHELL: PASSIVATED PER QQ-P-35C, TYPE II

BODY & PIN: GOLD OVER NICKEL

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 18 GHz
VSWR: 1.2:1 (MAX) @ DC-18 GHz
INSERTION LOSS: -.2db (MAX) @ 18 GHz
OPERATING TEMP RANGE: -65°C TO +85°C

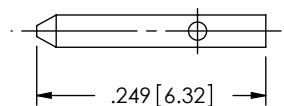
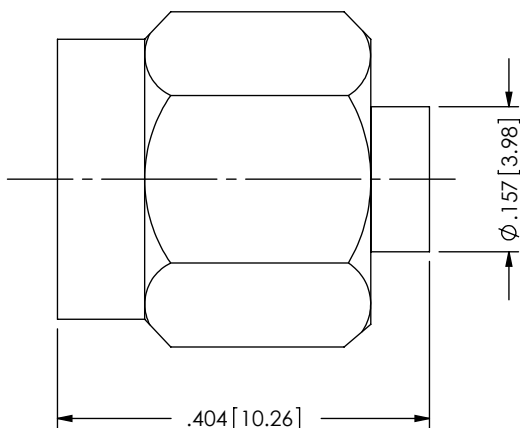
MECHANICAL (TYP) CONNECTOR: MATES WITH MIL-STD-348

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

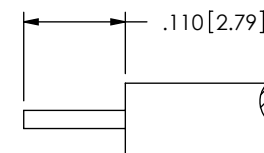
RETAINING RING: BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300

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

INSULATOR: PTFE PER ASTM-D1710



PIN TO BE SOLDERED



RECOMMENDED STRIPPING DIMENSIONS

REVISION HISTORY				RoHS COMPLIANT	PROPRIETARY	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		RFP² RF PRECISION PRODUCTS 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 Y1 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 06/10/10	
-	ENGINEERING RELEASE	06/10/10	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: 000712	DWG. NO. P2RSA-3705-085-03
						MFG APPROVAL: --	SHEET 1 OF 1		
						QA APPROVAL: --			