

PRODUCT SPECIFICATION DRAWING

P2RSA-3705-1

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

CONTACTS: GOLD OVER NICKEL

PERFORMANCE:
IMPEDANCE: 50 OHMS
VP: 70%
FREQ. RANGE: DC TO 18 GHz
DELAY: 73ps 17.9 GHz SPAN
VSWR: 1.20:1 (MAX) FOR DC-18 GHz
INSERTION LOSS: -.2db @ 18 GHz
OPERATING
TEMP RANGE: -65°C TO +155°C

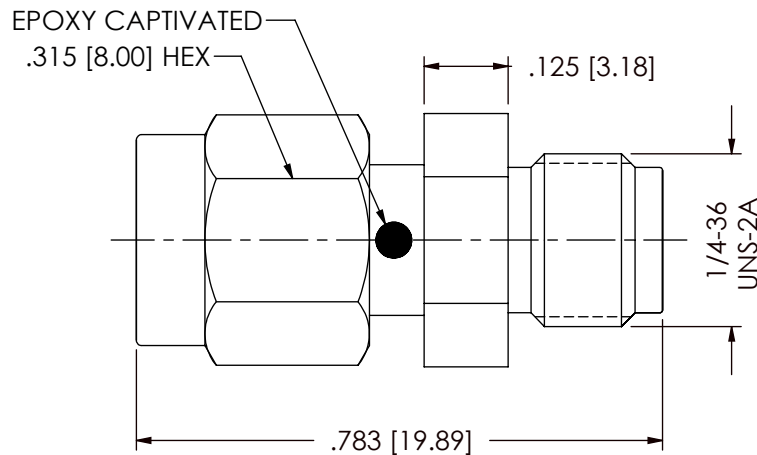
**MECHANICAL (TYP)
CONNECTOR:** MATES WITH MIL-STD-348

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

CONTACTS: BERYLLIUM COPPER PER ASTM B196,
ALLOY UNS C17300

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

INSULATOR: PTFE PER ASTM-D1710



**RoHS
COMPLIANT**

PROPRIETARY

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.

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 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 05/05/10

ENG APPROVAL: D. McREYNOLDS

MFG APPROVAL: --

QA APPROVAL: --

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

TITLE:
**SMA PLUG TO SMA JACK
HEX BODY ADAPTER**

SIZE	CODE	DWG. NO.
A	000000	P2RSA-3705-1
SHEET 1 OF 1		

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