

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

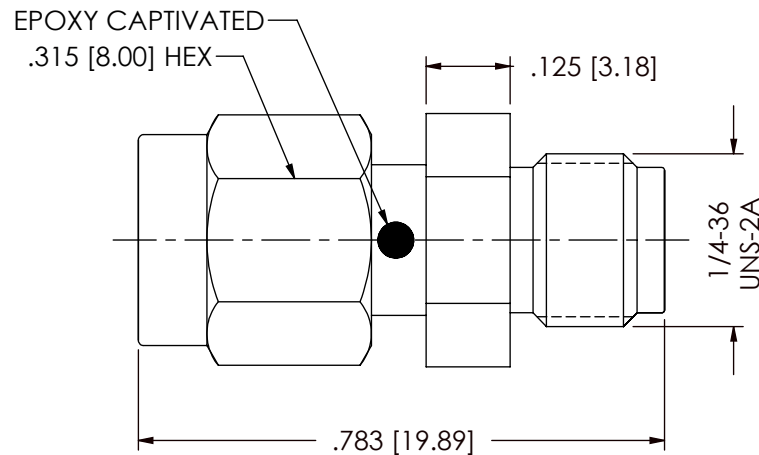
MECHANICAL (TYP)
CONNECTOR: MATES WITH MIL-STD-348

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



REVISION HISTORY				<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>PROPRIETARY</p> <p style="font-size: 8px;">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 V.I.A.W. MIL-STD-10. 5) DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R. 6) REMOVE ALL BURRS		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		DRAWN BY: C. ZUNIGA 05/05/10 ENG APPROVAL: D. McREYNOLDS MFG APPROVAL: -- QA APPROVAL: --		TITLE: SMA PLUG TO SMA JACK HEX BODY ADAPTER SIZE: A CODE: 000000 DWG. NO.: P2RSA-3705-1 SHEET 1 OF 1			
-	ENGINEERING RELEASE	05/05/10	JDMc							