

PRODUCT SPECIFICATION DRAWING

P2RSA-3703

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:

76ps 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

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

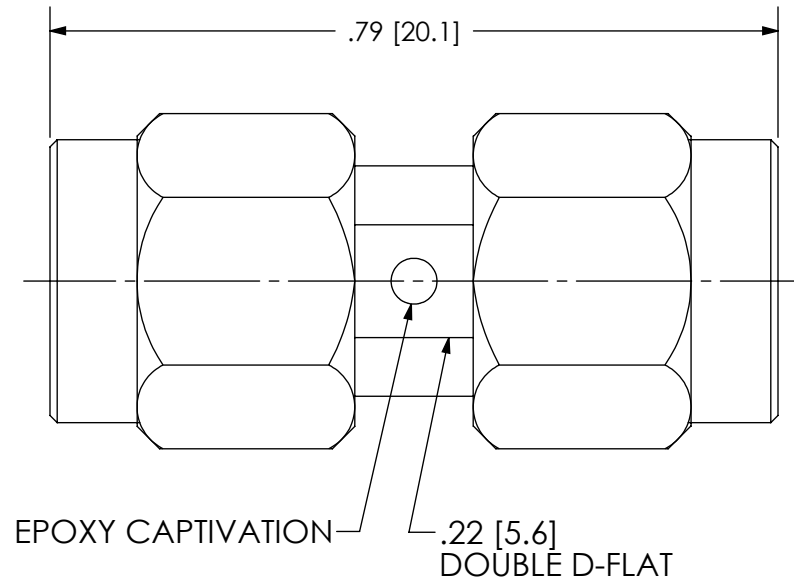
INSULATOR:

PTFE PER ASTM-D1710

MECHANICAL (TYP)

CONNECTOR:

MATES WITH MIL-STD-348



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 Y14.5M 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: --

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TITLE:

**SMA PLUG TO
SMA PLUG ADAPTER**

SIZE

CODE

DWG. NO.

A

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P2RSA-3703

SHEET 1 OF 1

REVISION HISTORY

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