

PRODUCT SPECIFICATION DRAWING

RFD-1670-7S

FINISH:

BODIES &
HARDWARE:
SHELLS:
PINS:

WHITE BRONZE
PASSIVATED PER QQ-P-35C, TYPE II
WHITE BRONZE OVER SILVER

MATERIAL:

BODIES,
HARDWARE
& PIN:
SHELLS:

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

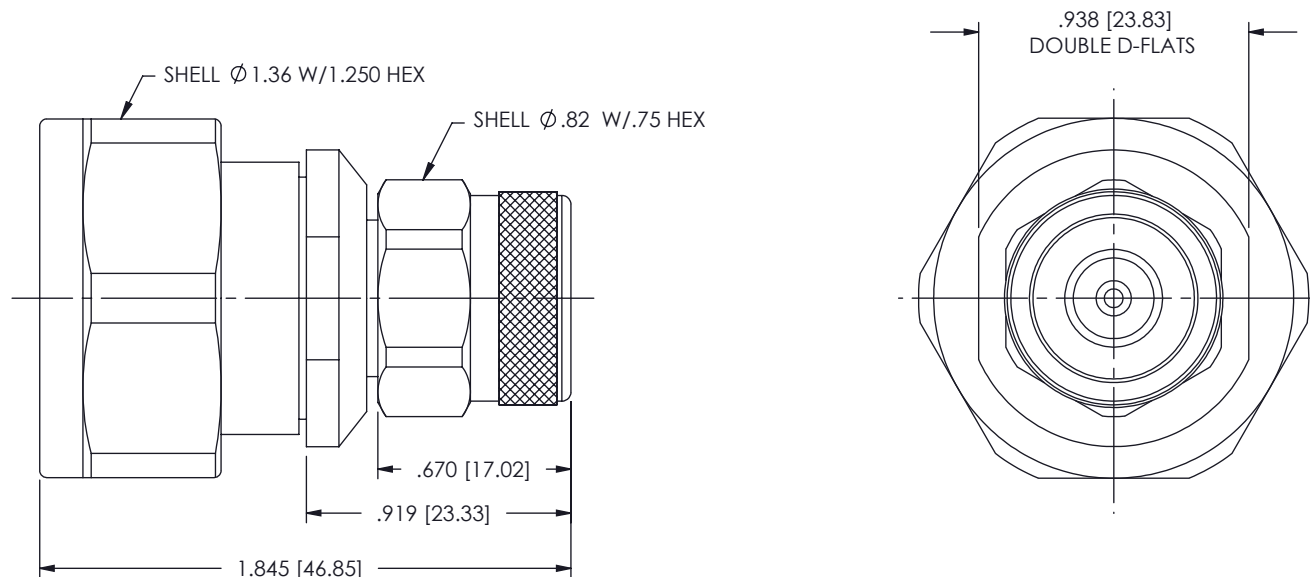
O-RING:
INSULATOR:

SILICONE RUBBER, ZZ-R-765 DUROMETER 70
TEFLON PER ASTM-D1710

PERFORMANCE:

IMPEDANCE:
Vp:
FREQ. RANGE:
DELAY:
VSWR:
INSERTION LOSS:
3rd ORDER IM -dBc:
TORQUE:
OPERATING
TEMP RANGE:

50 OHMS
77%
DC TO 7.5 GHz
141ps
<1.10:1 @ DC-7.5 GHz
-.01db @ $\sqrt{7.5}$ GHz
> -150 dBc
10 inLb
-55°C TO +150°C



RoHS
COMPLIANT

PROPRIETARY

THE INFORMATION HEREIN IS CONFIDENTIAL AND PROPRIETARY. NO DISCLOSURE, REPRODUCTION, OR FURTHER DISSEMINATION MAY BE MADE WITHOUT THE EXPRESSED WRITTEN CONSENT OF RF INDUSTRIES.

DIMENSIONS ARE IN INCHES
TOLERANCES:

FRACTIONAL: $\pm 1/64$
ANGULAR: X° $\pm 1^{\circ}0'$
X°X' $\pm 15'$

DECIMAL: .X $\pm .030$
.XX $\pm .015$
.XXX $\pm .005$

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 $\sqrt{1}$ 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 02/21/11

ENG APPROVAL: D. McREYNOLDS

MFG APPROVAL: --

QA APPROVAL: --

RF INDUSTRIES

7610 MIRAMAR RD. SAN DIEGO, CA. 92126
858-549-6340 FAX 858-549-6345

TITLE:

**7-16 DIN PLUG TO
N PLUG ADAPTER**

SIZE

A

CODE

000713

DWG. NO.

RFD-1670-7S

SHEET 1 OF 1

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
--	ENGINEERING RELEASE	02/21/11	JDMc