

PRODUCT SPECIFICATION DRAWING

RFD-1670-7

FINISH:

BODIES &
HARDWARE:
PINS:

WHITE BRONZE
WHITE BRONZE OVER SILVER

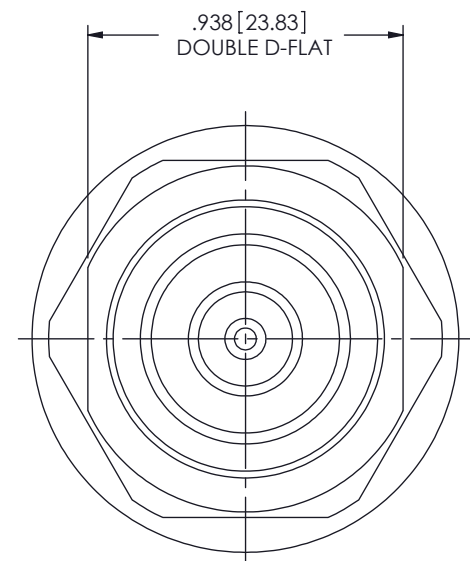
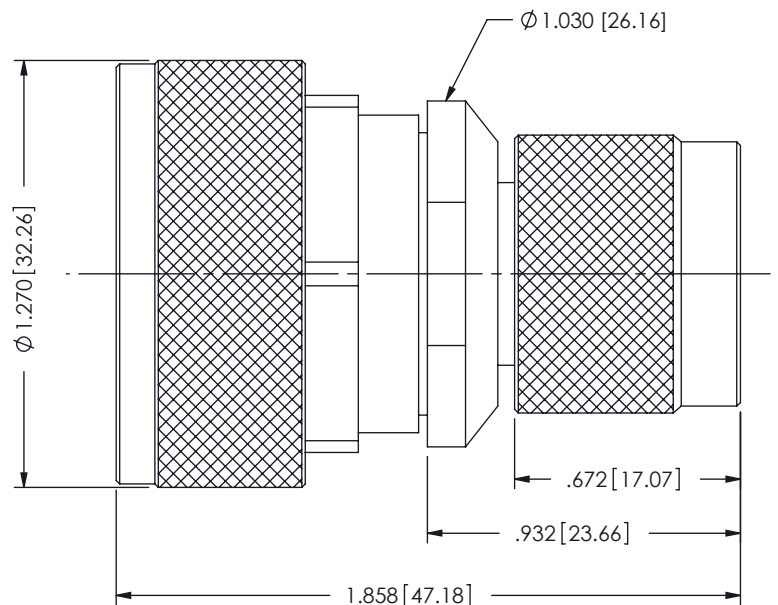
MATERIAL:

BODIES,
HARDWARE
& PIN:
O-RING:
INSULATOR:

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

PERFORMANCE:

IMPEDANCE: 50 OHMS
Vp: 77%
FREQ. RANGE: DC TO 7.5 GHz
DELAY: 141ps
VSWR: <1.10:1 @ DC-7.5 GHz
INSERTION LOSS: -.01db @ $\sqrt{7.5}$ GHz
3rd ORDER IM -dBc: > -150 dBc
N TORQUE: 10 inLb
DIN TORQUE: 15 ftLb
OPERATING
TEMP RANGE: -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 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 02/21/11

ENG APPROVAL: D. McREYNOLDS

MFG APPROVAL: --

QA APPROVAL: --

RF INDUSTRIES

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858-549-6340 FAX 858-549-6345

TITLE:

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

SIZE

A

CODE

000713

DWG. NO.

RFD-1670-7

SHEET 1 OF 1

REVISION HISTORY

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