

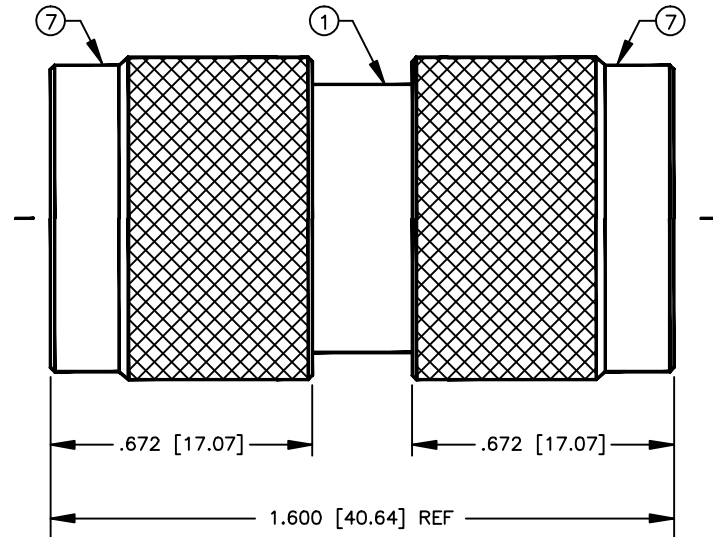
# SPECIFICATION CONTROL DRAWING

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REV	DESCRIPTION	DWN	DATE	APPROVED
A2	ADD GRND RING, GASKET & DIE DETAIL [DWG #8008]	KMM	2/8/93	J. BENZ
A3	STANDARDIZE	KMM	2/23/93	J. BENZ
B	PROVIDE MISSING DIMENSIONS	KMM	1/30/96	R. RICE
C	CHANGE SHELL DIMS / CHANGE BODY FOR NEW SHELL DIM	CZS	2/23/99	R. RICE

ALL DIMENSIONS ARE REFERENCE ONLY

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## SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 WORKING VOLTAGE: 1000 VRMS @ SEA LEVEL  
 FREQUENCY RANGE: 0-11 GHz  
 INTERFACE PER MIL-STD-348A, SECTION 304.1  
 BODY MUST CAPTIVATE DIELECTRIC SECURELY  
 DIELECTRIC MUST CAPTIVATE CONTACT SECURELY  
 GOLD FINISH: 3 MICROINCHES OVER BRASS  
 SILVER FINISH: 30 MICROINCHES OVER BRASS  
 SUBSTITUTIONS NOT ACCEPTED WITHOUT PRIOR APPROVAL FROM RFI  
 KNURL: FULL RAISED 30P MEDIUM DIAMOND KNURL  
 REMOVE ALL BURRS & BREAK ALL SHARP EDGES  
 ALL CORNERS TO BE .010 R MAX  
 ALL DIAMETERS TO BE CONCENTRIC WITHIN .005

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS DIAMETER

**RF connectors**  
DIVISION OF RF INDUSTRIES, LTD.

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## RFN-1014-1

N MALE TO N MALE BARREL ADAPTER

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
7	SHELL	2	BRASS	SILVER
6	PRESS FIT GND RING	1	BRASS	SILVER
5	GASKET	2	S.I. RUBBER	RED
4	RETAINING RING	2	BRASS	SILVER
3	DIELECTRIC	2	PTFE	NONE
2	PIN	1	BRASS	GOLD
1	BODY	1	BRASS	SILVER

DRAWN	C. ZUNIGA	2/23/99
CHECKED		
ORJ DRAWN	D. FRIAS	3/3/88
APPROVALS		DATE

SIZE	CABLE GROUP	DWG NO.	REV
A	N/A	8008	C
SCALE:	2:1	CAD FILE	13ARC B
			SHEET 1 OF 1