

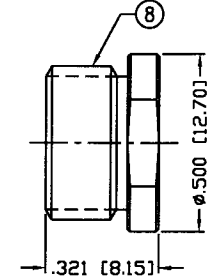
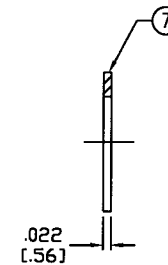
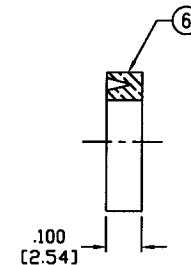
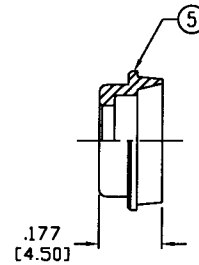
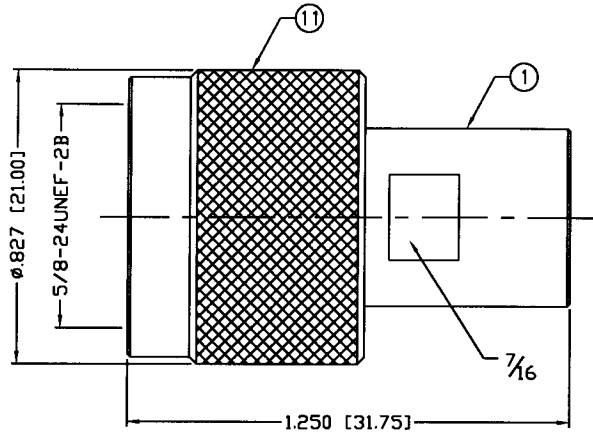
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

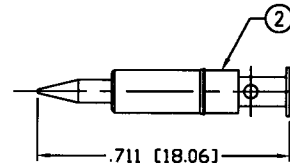
RFN-1004-1SX

REV	DESCRIPTION	DWN	DATE	APPROVED
C	STANDARDIZE, CHANGE RETAINING RING TO ST STEEL	KMM	3/15/94	C. JONES
D	CHG N SHELL CONFIG & CHG GROUND RING PRESS FIT DIM	KMM	3/20/95	R. RICE
E	CHG BODY & DIELECTRIC DIMS / CHG BACK NUT TO FLATS	CZS	4/14/98	R. RICE
F	REMOVE P/N FROM CONN. / UPDATE DWG FORMAT	CZS	1/28/03	JDMc

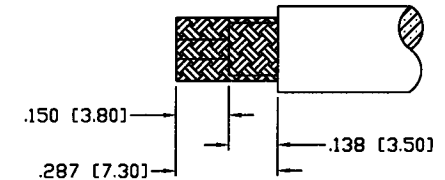


SPECIFICATIONS:

IMPEDANCE: 50 Ohms
 FREQUENCY RANGE: 0-11 GHz
 VSWR: 1.3 Max. @ 9 GHz
 INSERTION LOSS: .06 dB Max. X $\sqrt{f\text{GHz}}$
 WORKING VOLTAGE: 1k V rms @ sea level
 TEMPERATURE RANGE: -65°C TO 85°C
 INSULATION RESISTANCE: 5k M Ohms min.
 FOR RG-8/X, BELDEN 9258, MAXRAD MBX-100 &
 MBX-1000, MICRO 8/U, REMEE 1600, SAXTON 8315 &
 TIMES LMR-240 & LMR-240 ULTRAFLEX CABLE



RECOMMENDED CRIMP DIE: .068"



RECOMMENDED STRIPPING DIMENSIONS

#	DESCRIPTION	QTY	MATERIAL	FINISH	APPROVALS	DATE
1	BODY	1	BRASS	SILVER, 30μ"		
2	PIN	1	BRASS	GOLD, 3μ"		
3	INSULATOR	1	PTFE	---		
4	GROUND RING	1	BRASS	SILVER, 30μ"		
5	CLAMP	1	BRASS	SILVER, 30μ"		
6	GASKET	1	RUBBER	---		
7	WASHER	1	BRASS	SILVER, 30μ"		
8	BACK NUT	1	BRASS	SILVER, 30μ"		
9	RETAINING RING	1	BRASS	SILVER, 30μ"		
10	GASKET	1	RUBBER	---		
11	SHELL	1	BRASS	SILVER, 30μ"		
12						
13						
14						

000486

UNLESS OTHERWISE SPECIFIED:
 1. REMOVE ALL BURRS
 2. BREAK ALL CORNERS & EDGES .005 R. MAX.
 3. CHAMFER 1ST & LAST THREADS 45°
 4. SURFACE ROUGHNESS 63 FINISH MIL-STD-10
 5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
 6. ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]
 UNLESS OTHERWISE NOTED TOLERANCES ARE:

DECIMALS	DIAMETER
.xxx±.003 [.08]	.xxx±.001 [.03]
.xx±.005 [.13]	.xx±.003 [.08]

DRAWN	C. ZUNIGA	1/28/03
CHECKED	<i>[Signature]</i>	1-28-03
ORJ DRAWN	C. ZUNIGA	12/30/91

RF connectors
 DIVISION OF RF INDUSTRIES, LTD.

7610 MIRAMAR RD
 SAN DIEGO, CA 92126
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 (858) 549-6345 FAX

N PLUG, CLAMP

SIZE	CABLE GROUP	DWG NO.	REV
A	X	RFN-1004-1SX	F

SCALE: NTS CAD FILE OUTLINE SHEET 1 OF 1