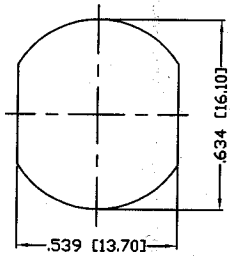
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES,
ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED
WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES.
ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.

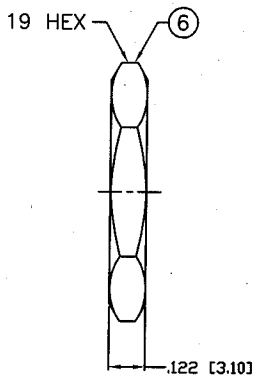
ALL DIMENSIONS ARE REFERENCE ONLY

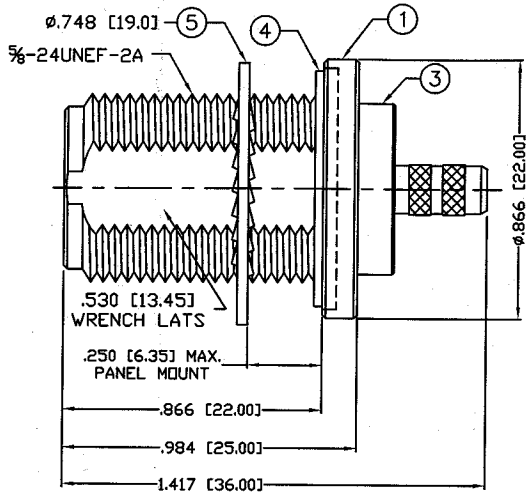
PART NO. **RFN-1022-8-C1**

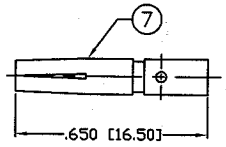
REV	DESCRIPTION	DWN	DATE	APPROVED
A	ENGINEERING RELEASE	CZS	12/5/97	R. RICE
B	ENGINEERING RELEASE	CZS	1/26/98	R. RICE
C	REMOVE P/N FROM CONN. / CHG. FORMAT & DWG. # (8817B)	CZS	9/26/01	JDMc



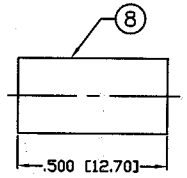
RECOMMENDED MOUNTING HOLE



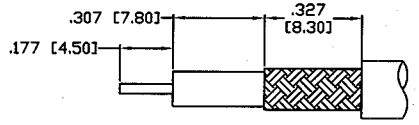




RECOMMENDED CRIMP DIE: .100



RECOMMENDED CRIMP DIE: .213



RECOMMENDED STRIPPING DIMENSIONS

SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0–11 GHz
VSWR: 1.3 Max. @ 9 GHz
INSERTION LOSS: .06 dB Max. X $\sqrt{fGHz}$
WORKING VOLTAGE: 1k V rms @ sea level
TEMPERATURE RANGE: –65°C TO 165°C
INSULATION RESISTANCE: 5k M Ohms min.
FOR RG–55, 55A, 55B, 142, 142A, 142B, 223 & 400/U,
ALPHA 9055, 9055B, 9223, BELDEN 8219, 83242, 84142, 9907

#	DESCRIPTION	QTY	MATERIAL	FINISH
1	BODY	1	BRASS	NICKEL, 100μ"
2	INSULATOR	1	PTFE	---
3	BARREL	1	BRASS	NICKEL, 100μ"
4	GASKET	1	SILICONE	---
5	LOCK WASHER	1	BRASS	NICKLE, 100μ"
6	HEX NUT	1	BRASS	NICKEL, 100μ"
7	PIN	1	PHOS BRONZE	GOLD, 3μ"
8	FERRULE	1	BRASS	NICKEL, 100μ"
9				
10				
11				
12				
13				
14				

008974

APPROVALS	DATE
DRAWN C. ZUNIGA	9/26/01
CHECKED JDMc	9-26-01
ORJ DRAWN C. ZUNIGA	12/5/97

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]

RF connectors
DIVISION OF RF INDUSTRIES, LTD.
7610 MIRAMAR RD
SAN DIEGO,CA 92126
(858) 549–6340
(858) 549–6345 FAX

N FEMALE BULKHEAD CRIMP

SIZE	CABLE GROUP	DWG NO.	REV
A	C1	RFN–1022–8–C1	C

SCALE:	CAD FILE	SHEET
NTS	OUTLINE	1 OF 1