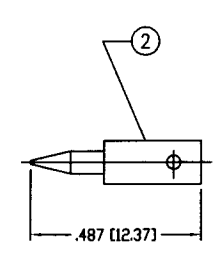
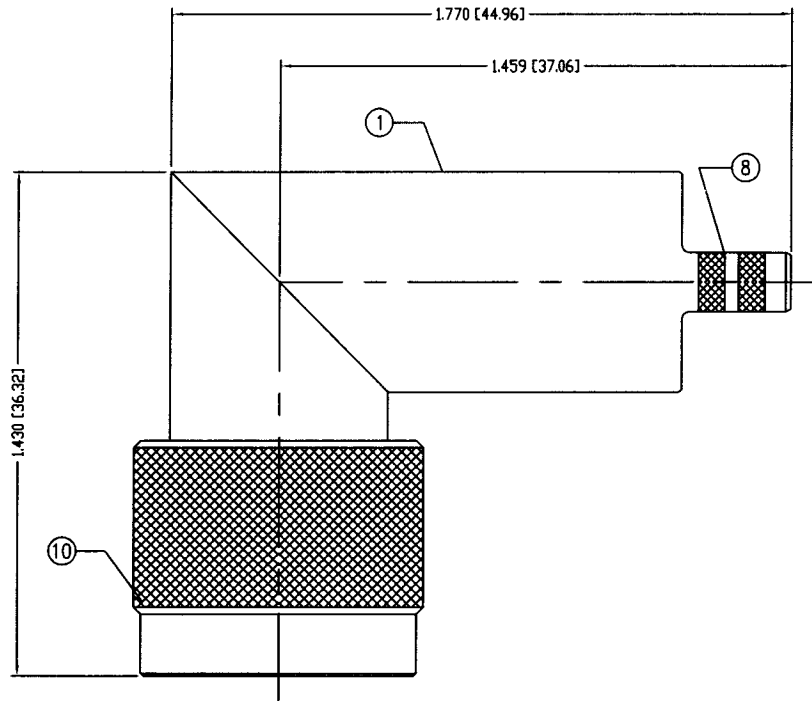


THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES,  
 ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED  
 WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES.  
 ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.

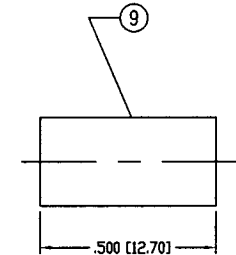
PART NO.

**RFN-1009-C**

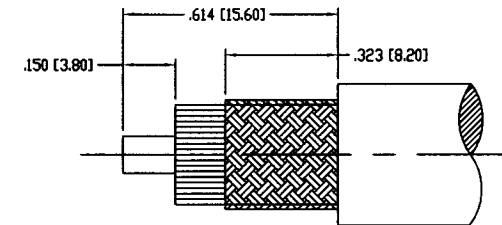
REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	JDM	10/21/03	JDMc



CRIMP WITH .100" DIE



CRIMP WITH .213" DIE



STRIPPING DIMENSIONS

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0-11 GHz  
 INSERTION LOSS: .06 dB Max. X $\sqrt{f}$ GHz  
 WORKING VOLTAGE: 1k V rms @ sea level  
 TEMPERATURE RANGE: -65°C TO 165°C  
 INSULATION RESISTANCE: 5k M Ohms min.  
 FOR: RG-58, LMR-195,

#	DESCRIPTION	QTY	MATRL	FINISH
1	BODY	1	BRASS	NICKEL, 100 μ" MAX
2	PIN	1	BRASS	GOLD, 3 μ"
3	PIN	1	BRASS	GOLD, 3 μ"
4	PIN	1	BRASS	GOLD, 3 μ"
5	DIELECTRIC	1	PTFE	---
6	DIELECTRIC	1	PTFE	---
7	GROUND RING	1	BRASS	NICKEL, 100 μ" MAX
8	P/F FER STUD	1	BRASS	NICKEL, 100 μ" MAX
9	FERRULE	1	BRASS	NICKEL, 100 μ" MAX
10	SHELL	1	BRASS	NICKEL, 100 μ" MAX
11	R/RING	1	BRASS	NICKEL, 100 μ" MAX
12	GASKET	1	S.I. RUB	
13				
14				

XXXXXXXXX	
DRAWN	JDM
CHECKED	JDM
ORJ DRAWN	JDM
APPROVALS	DATE
	10/21/03
	10/21/03

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]

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

RF connectors

DIVISION OF RF INDUSTRIES, LTD.

## N PLUG R/A

CRIMP

SIZE	CABLE GROUP	DWG NO.	REV
A	C	RFN-1009-C	-

SCALE: NTS      CAD FILE OUTLINE      SHEET 1 OF 1