

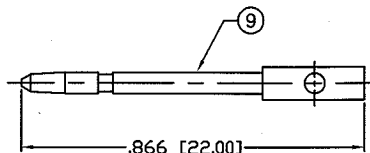
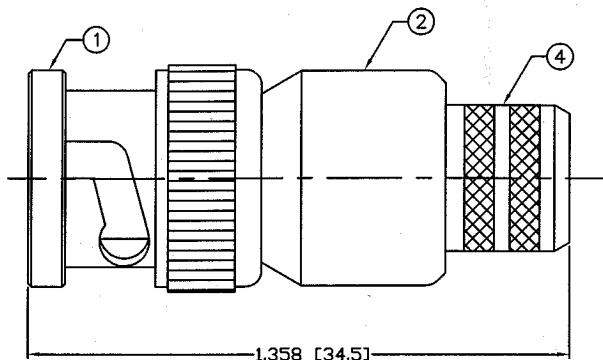
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO RF INDUSTRIES,
 ANY UNAUTHORIZED USE OF THIS DRAWING IS EXPRESSLY PROHIBITED
 WITHOUT WRITTEN PERMISSION FROM RF INDUSTRIES.
 ANY VIOLATION IS PUNISHABLE UNDER U.S. COPYRIGHT LAWS.

ALL DIMENSIONS ARE REFERENCE ONLY

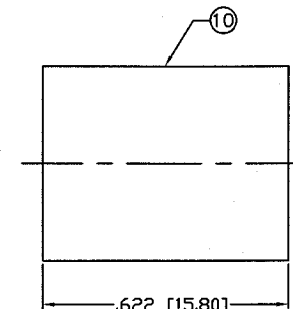
PART NO.

RFB-1707-R

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	GGG	9/6/01	JDMc



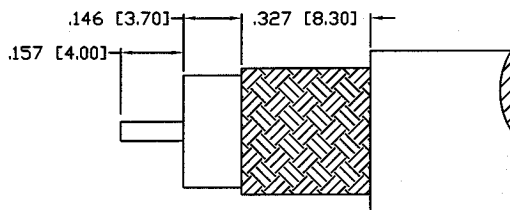
SOLDER CONTACT RECOMMENDED



RECOMMENDED CRIMP DIE: .429

SPECIFICATIONS:

IMPEDANCE: 75 Ohms
 FREQUENCY RANGE: 0-4 GHz
 WORKING VOLTAGE: 500 V rms @ sea level
 TEMPERATURE RANGE: -65°C TO 165°C
 INSULATION RESISTANCE: 5k M Ohms min.
 FOR RG-11/U Type: Belden 8213, 8237, 8238,
 8261, 9011, 9292, CommScope 3247, 5901, 5903, 5908,
 5909, 5916, 5916R, 5918



RECOMMENDED STRIPING DIM'S

1	SHELL	1	BRASS	NICKEL, 100 μ"	008974	
2	BODY	1	BRASS	NICKEL, 100 μ"		
3	INSULATOR	1	PTFE	---		
4	BARREL	1	BRASS	NICKEL, 100 μ"		
5	GASKET	1	RUBBER	---		
6	RETAINING RING	1	BRASS	NICKEL, 100 μ"		
7	SPRING	1	SK5	NICKEL, 100 μ"		
8	WASHER	1	BRASS	NICKEL, 100 μ"		
9	PIN	1	BRASS	GOLD, 3 μ"		
10	FERRULE	1	BRASS	NICKEL, 100 μ"		
11						
12						
13						
14						
#	DESCRIPTION	QTY	MATRL	FINISH	APPROVALS	DATE

DRAWN G. GALLEGOS 9/6/01

CHECKED JDMc 9/6/01

ORJ DRAWN G. GALLEGOS 9/6/01

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

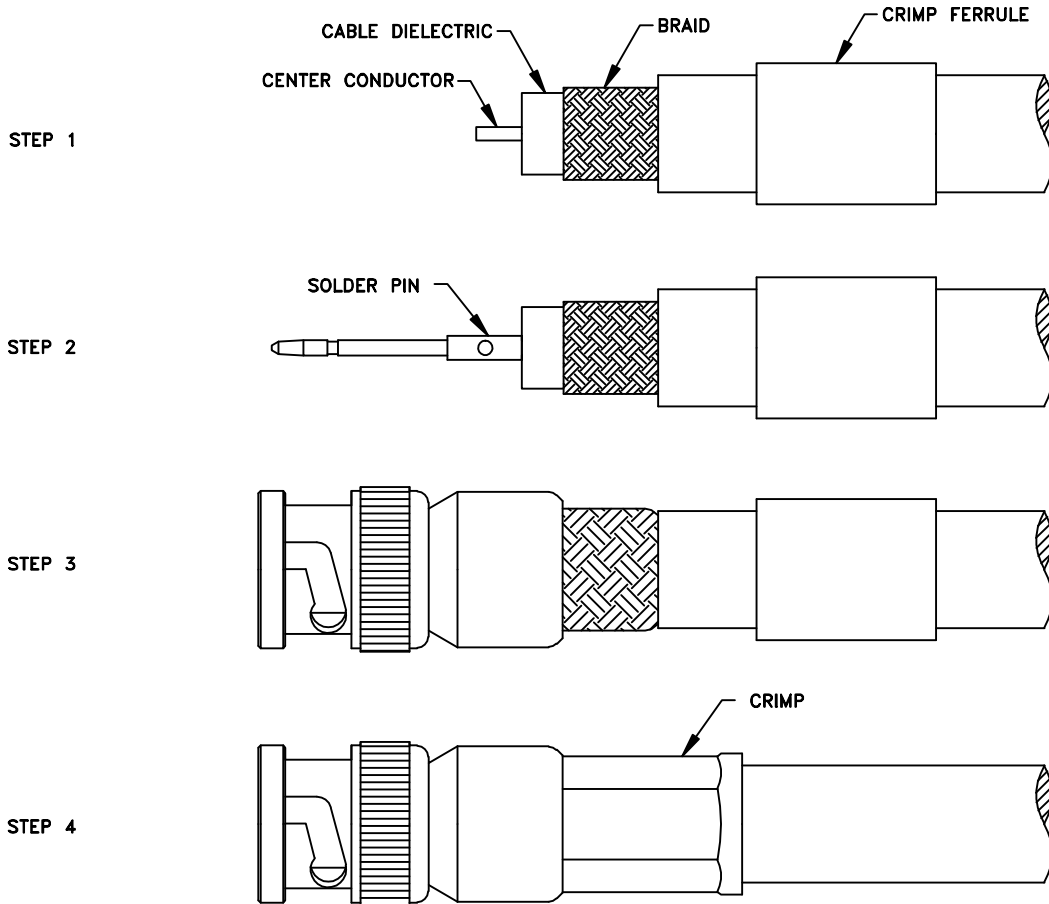
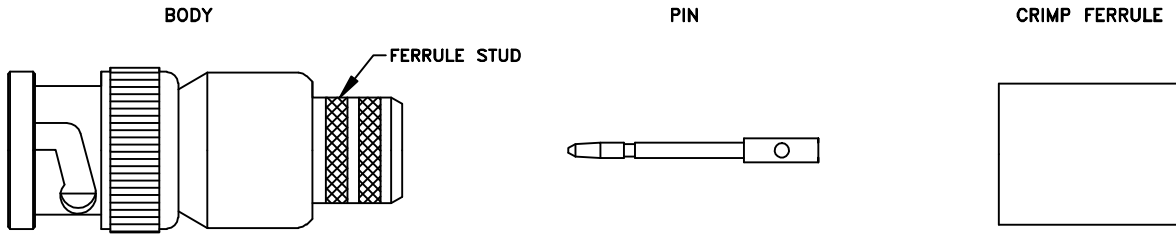
BNC PLUG, CRIMP

75 Ohm

SIZE	CABLE GROUP	DWG NO.	REV
A	R	RFB-1707-R	-
SCALE:	NTS	CAD FILE OUTLINE	SHEET 1 OF 1

CABLE ASSEMBLY INSTRUCTIONS

RFB-1707-R



Step 1: Cut end of cable evenly. Strip cable to dimensions shown in catalog or on envelope/outline drawing. All cuts are to be clean and square. Do not nick braid or center conductor when cutting. Slide ferrule over cable. If using strain relief or heat shrink tubing slide onto cable first.

Step 2: Pre tin cable conductor if using stranded cable (if needed). Slide pin onto center conductor until it yields against the cable dielectric. Solder pin in place using minimum amount of heat.

Step 3: Slide ferrule stud under braid, while inserting the pin into the body. The pin will snap into place within the dielectric.

Step 4: Slide the ferrule over the braid until it yields against the back of the connector. Crimp the ferrule with crimp tool as specified on connector drawing. Trim extra braid (if any) extending out of ferrule end.

RFB-1707-R AP.DWG

RF CONNECTORS

1/26/06

7610 Miramar Road, San Diego, CA 92126-4202 - (858) 549-6340
(800) 233-1728 - Fax (858) 549-6345 E-mail: rfi@rfindustries.com - www.rfindustries.com

CZ