

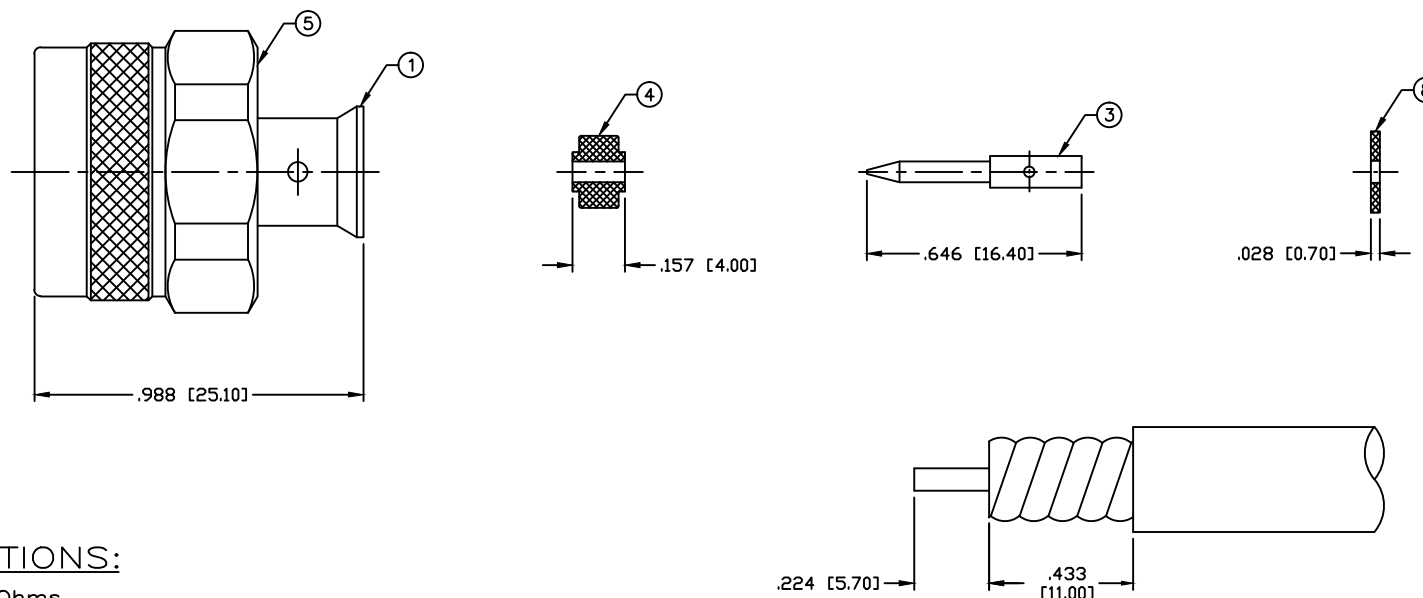
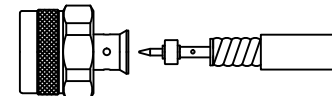
PART NO.

**RFN-1002-HPL**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	08/18/14	JDMc

## ASSEMBLY INSTRUCTIONS:

- Step 1: Cut end of cable evenly. Strip cable to dimensions as shown. All cuts are to be clean and square. Do not nick center conductor when cutting. If using heat shrink tubing slide onto cable first.
- Step 2: Slide spacer and pin onto cable center conductor until it yields against the cable dielectric. Solder pin in place.
- Step 3: Slide insert onto pin.
- Step 4: Insert the pin into the body until it yields against the back of the connector. Solder connector and cable outer conductor in place.



## SPECIFICATIONS:

IMPEDANCE: 50 Ohms  
 FREQUENCY RANGE: 0–11 GHz  
 VSWR: <1.3:1 @ 9 GHz  
 INSERTION LOSS:  $-0.06\text{dB} @ \sqrt{\text{GHz}}$   
 TEMPERATURE RANGE:  $-55^{\circ}\text{C}$  TO  $150^{\circ}\text{C}$

#	DESCRIPTION	QTY	MATERIAL	FINISH
8	SPACER	1	PTFE	---
7	RETAINING RING	1	BeCu	WHITE BRONZE
6	GASKET	1	RUBBER	---
5	SHELL	1	BRASS	WHITE BRONZE
4	INSERT	1	PTFE	---
3	PIN	1	BRASS	SILVER
2	INSULATOR	1	PTFE	---
1	BODY	1	BRASS	WHITE BRONZE

CUSTOMER  
OUTLINE DRAWINGALL DIMENSIONS  
ARE REFERENCE ONLYUNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
AND [MILLIMETERS]

DRAWN	C. ZUNIGA	08/18/14
CHECKED		
ORJ DRAWN	C. ZUNIGA	08/18/14

**RoHS  
COMPLIANT**

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(858) 549-6345 FAX**N PLUG, SOLDER  
FOR SPP-250**

SIZE	CABLE GROUP	DWG NO.	REV
A	N/A	<b>RFN-1002-HPL</b>	---
SCALE:	ENGINEERING ID:	SHEET 1 OF 1	
NTS	001787		