

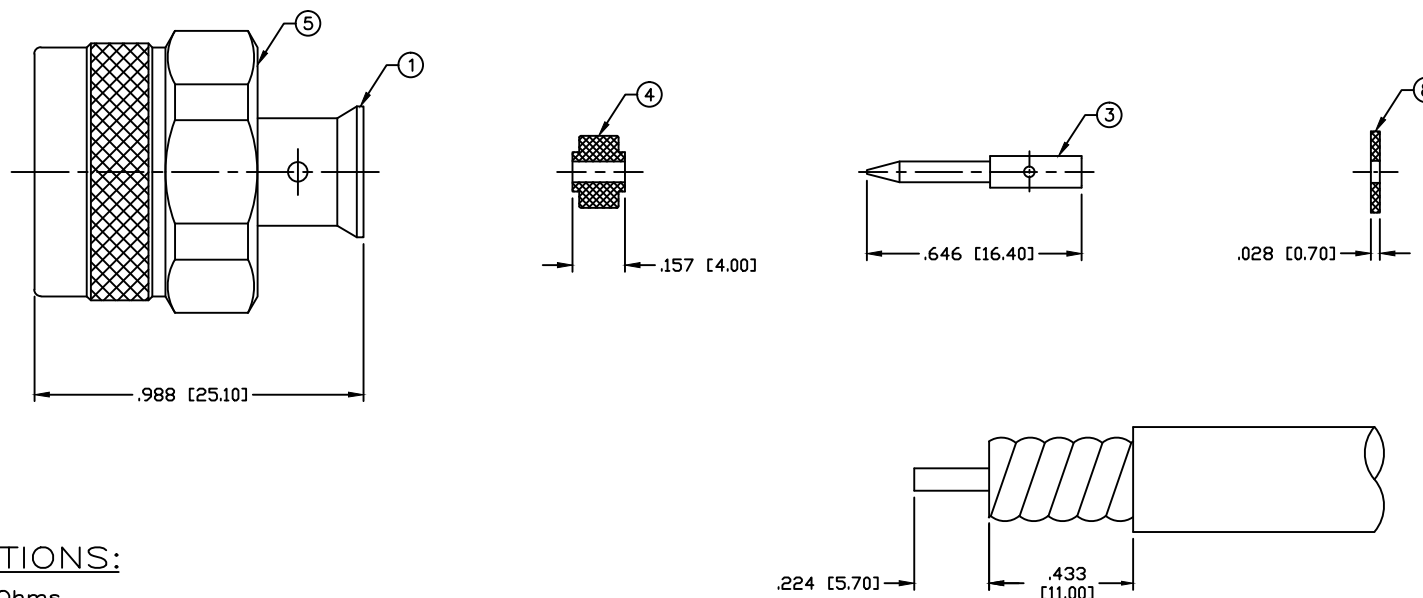
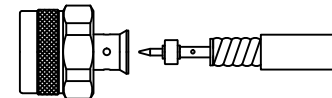
PART NO.

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°C TO 150°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 DRAWING	
ALL DIMENSIONS ARE REFERENCE ONLY	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND [MILLIMETERS]	
DRAWN	C. ZUNIGA
CHECKED	08/18/14
ORJ DRAWN	C. ZUNIGA
	08/18/14

RoHS COMPLIANT

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RF connectors
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N PLUG, SOLDER FOR SPP-250

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