

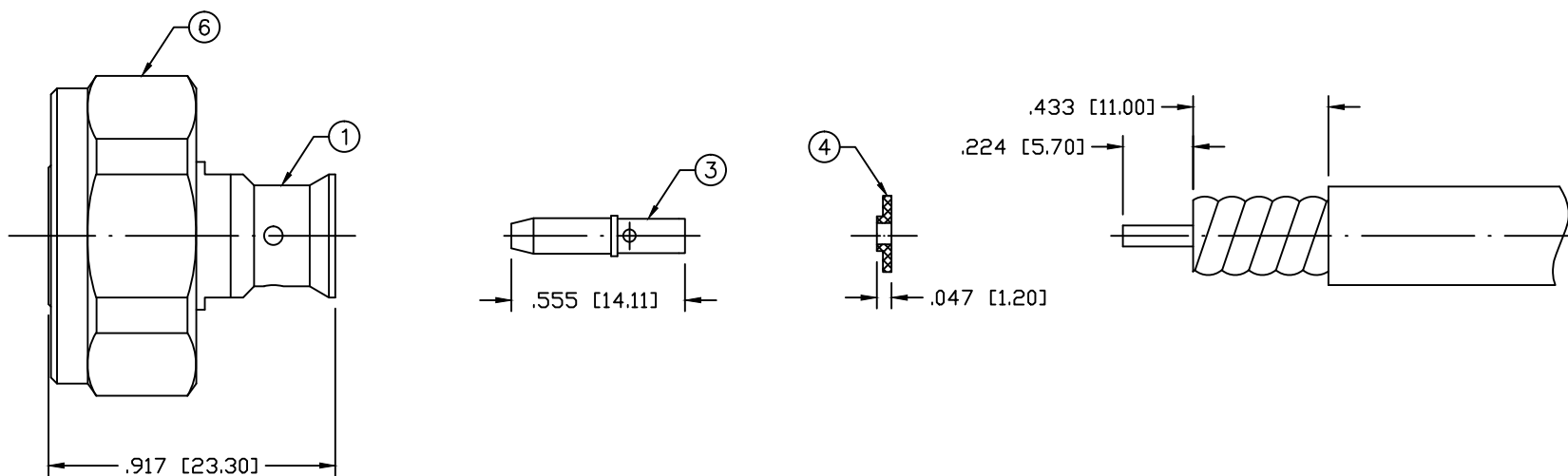
PART NO.

**RFD-4195-HPL**

REV	DESCRIPTION	DWN	DATE	APPROVED
-	ENGINEERING RELEASE	CZS	08/14/14	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: 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: 0-3 GHz  
 VSWR: <1.2:1 THRU 3GHz  
 INSERTION LOSS: >-.1dB  
 PIM:  $\leq -155$  dBc  
 TEMPERATURE RANGE: -55°C TO 200°C  
 FOR SPP-250-LLPL

#	DESCRIPTION	QTY	MATERIAL	FINISH
6	SHELL	1	BRASS	WHITE BRONZE
5	O-RING	1	SILICONE	----
4	SPACER	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	10/27/16
CHECKED	
ORJ DRAWN C. ZUNIGA	08/14/14

**RoHS  
COMPLIANT**

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## 4.1/9.5 PLUG, SOLDER

FOR SPP-250

SIZE	CABLE GROUP	DWG NO.	REV
A	N/A	<b>RFD-4195-HPL</b>	—
SCALE: NTS	ENGINEERING ID: 000000	SHEET 1 OF 1	