

1. MATERIALS AND FINISHES:
 BODY, OUTER CONTACT & COUPLING NUT - BRASS, SILVER PLATING
 CONTACT - BRASS, GOLD PLATING
 INSULATOR - PTFE, NATURAL
 RETAINING RING - PHOSPHOR BRONZE, NICKEL PLATING
 GASKET - SILICONE RUBBER, RED
 FERRULE - COPPER, SILVER PLATING

3. MECHANICAL :
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO +165° C

5. CABLE ASSEMBLY INSTRUCTIONS

- A. TRIM CABLE AS SHOWN.
- B. INSERT CABLE CENTER CONDUCTOR TO CONTACT. SOLDER OR CRIMP CONTACT WITH 0.100" HEX
- C. INSERT CABLE INTO CONNECTOR WITH BRAID OVER KNURL UNTIL IT BOTTOMS.
- D. CRIMP FERRULE WITH 0.429" HEX

7. SHOWS CABLE ENTRY DIMENSIONS.

Technical drawing of a mechanical assembly, showing a side view and a top view.

Side View Dimensions:

- Overall diameter: $\varnothing 0.438$
- Internal diameter (left): $\varnothing 0.098$
- Internal diameter (right): $\varnothing 0.295$
- Length: 1.309 REF

Top View Dimensions:

- Overall diameter: $\varnothing 0.827$ REF

MIL-C-39012 INSPECTION

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ± 0.015 (0,381 mm) ± 0.005 (0,127 mm) $\pm 1^\circ$ NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL SEE NOTES	DRAWN KARTHIK R	DATE 03-Oct-13	TITLE TYPE 'N' PLUG MIL-CRIMP (CATEGORY D) FOR RG9,214,225 & 393/U CABLES	Amphenol RF www.amphenolrf.com	
		ENGINEER O. BARTHELMES	DATE 11/18/13		DRAWING NO.82-4425	
		REFERENCE DOR 309448-51 MIL-C-39012/01-0501	APPROVED O. BARTHELMES	DATE 11/18/13	SCALE: 3.7:1.0	SHEET 2 OF 2
		FINISH	CAD FILE		DWG SIZE B	REV T
						ITEM NO.82-4425
						PART NO.82-4425