

NOTES:

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

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

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

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 82-4440 AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. INSERT CABLE CENTER CONDUCTOR TO CONTACT.
C. SOLDER CONTACT TO CABLE OR CRIMP CONTACT TO CABLE.
CRIMP CONTACT WITH AMPHENOL TOOL M22520/1-01
WITH M22520/1-13 POSITIONER OR (AMPHENOL TOOL FRAME 227-944
WITH AMPHENOL DIE SET 221-1221-25, CLOSURE 'B' (0.100 HEX) NON CONFORMING).
D. INSERT CABLE INTO CONNECTOR WITH BRAID OVER KNURL UNTIL IT BOTTOMS.
E. CRIMP FERRULE WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE
SET 227-1221-25 CAVITY 'A' OR (M22520/5-25, CLOSURE 'A') (0.429 HEX).

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
AB	FORMAT UPDATED	07-Nov-16	00601	KR
AC	METRIC UNITS ADDED	06-Jun-18	8273	AG
AD	NO CHANGES TO THIS SHEET	15-Nov-18	09681	BEW

MIL-C-39012 INSPECTION

SCALE 1.000

RECOMMENDED CABLE STRIPPING DIMENSIONS

THIS CONNECTOR IS COVERED BY U.S. PATENT 3,439,294 & 3,474,391

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 ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1° 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	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	KARTHIK R	30-Mar-16				
	REFERENCE	ENGINEER	DATE	N RA PLUG MIL-CRIMP (CATEGORY D) FOR RG 9, 214, 225 & 393/U CABLES		DRAWING NO.82-4440	
	DOR 309188-51 AND MIL-C-39012/05-0501	O. BARTHELMES	18-Nov-13			ITEM NO.82-4440	
	CONFIGURATION LEVEL: In Work	APPROVED	DATE	SCALE: 3.0:1.0	SHEET 2 OF 2	PART NO.82-4440	
	FINISH	K. CAPOZZI	06-Jun-18	DWG SIZE B	REV AD		