

NOTES:

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

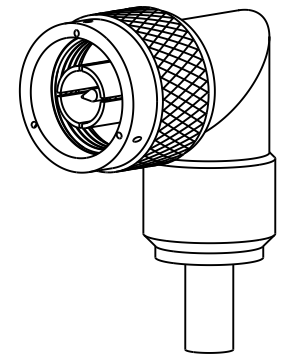
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 82-4442 AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. INSERT CABLE CENTER CONDUCTOR TO CONTACT.  
 C. SOLDER CONTACT TO CABLE OR CRIMP CONTACT TO CABLE.  
 WHEN CRIMPING CONTACT TO CABLE, CRIMP WITH AMPHENOL  
 TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-57,  
 CAVITY 'B' OR MILITARY TOOL M22520/1-14 (0.100 HEX) .  
 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 227-1221-57 CAVITY 'A' OR MILITARY TOOL M22520/5-57, CLOSURE 'A' (0.213 HEX) .

6 SHOWS CABLE ENTRY DIMENSIONS.

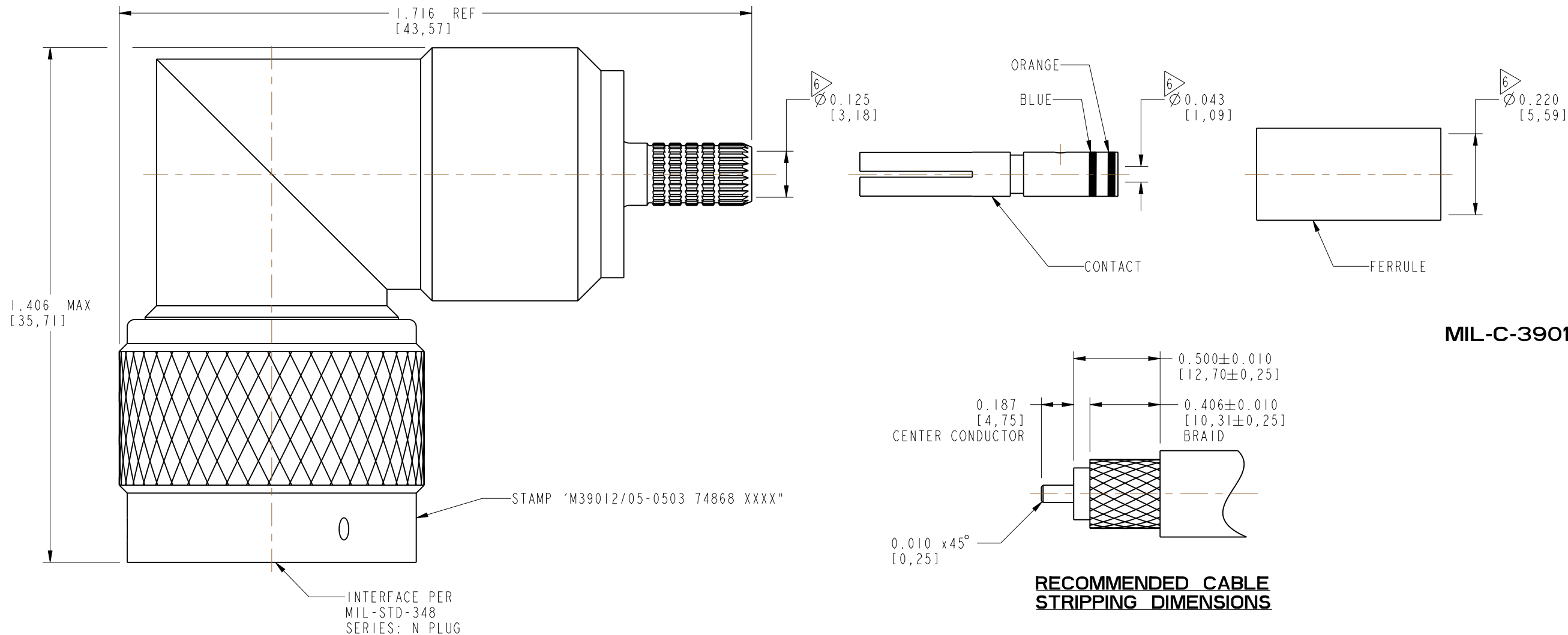
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
AA	FORMAT UPDATED	07-Nov-16	00601	MR
AB	METRIC UNITS ADDED	06-Jun-18	8273	AG



SCALE 1.000



MIL-C-39012 INSPECTION

RECOMMENDED CABLE STRIPPING DIMENSIONS

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES $\pm 0.015$ (0,381 mm) $\pm 0.005$ (0,127 mm) $\pm 1^\circ$	MATERIAL	DRAWN	DATE	TITLE N RA PLUG MIL-CRIMP (CATEGORY D) FOR RG 142B/U & 400/U CABLES		Amphenol RF www.amphenolrf.com
	SEE NOTES	MADHAN G	30-Mar-16			
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.	REFERENCE	ENGINEER	DATE	SCALE: 3.2:1.0 SHEET 2 OF 2		DRAWING NO.82-4442
	DOR 312603-51 IL-C-39012/05-0503	O. BARTHELMES	18-Nov-13			
	CONFIGURATION LEVEL: In Work	APPROVED	DATE	DWG SIZE B		REV
FINISH	K. CAPOZZI	06-Jun-18	AB			PART NO.82-4442