

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

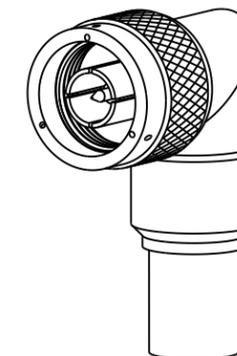
4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 82-4440 AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. INSERT CABLE CENTER CONDUCTOR TO CONTACT.
 C. SOLDER CONTACT TO CABLE OR CRIMP CONTACT TO CABLE.
 CRIMP CONTACT WITH AMPHENOL TOOL M22520/1-01
 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).

6 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

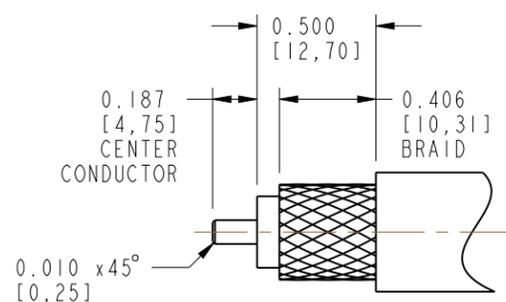
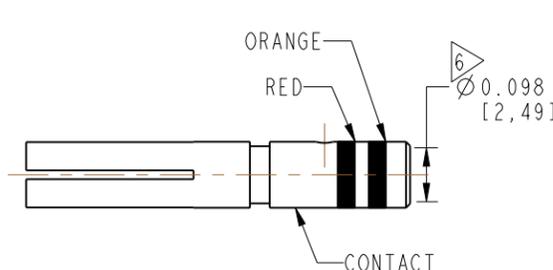
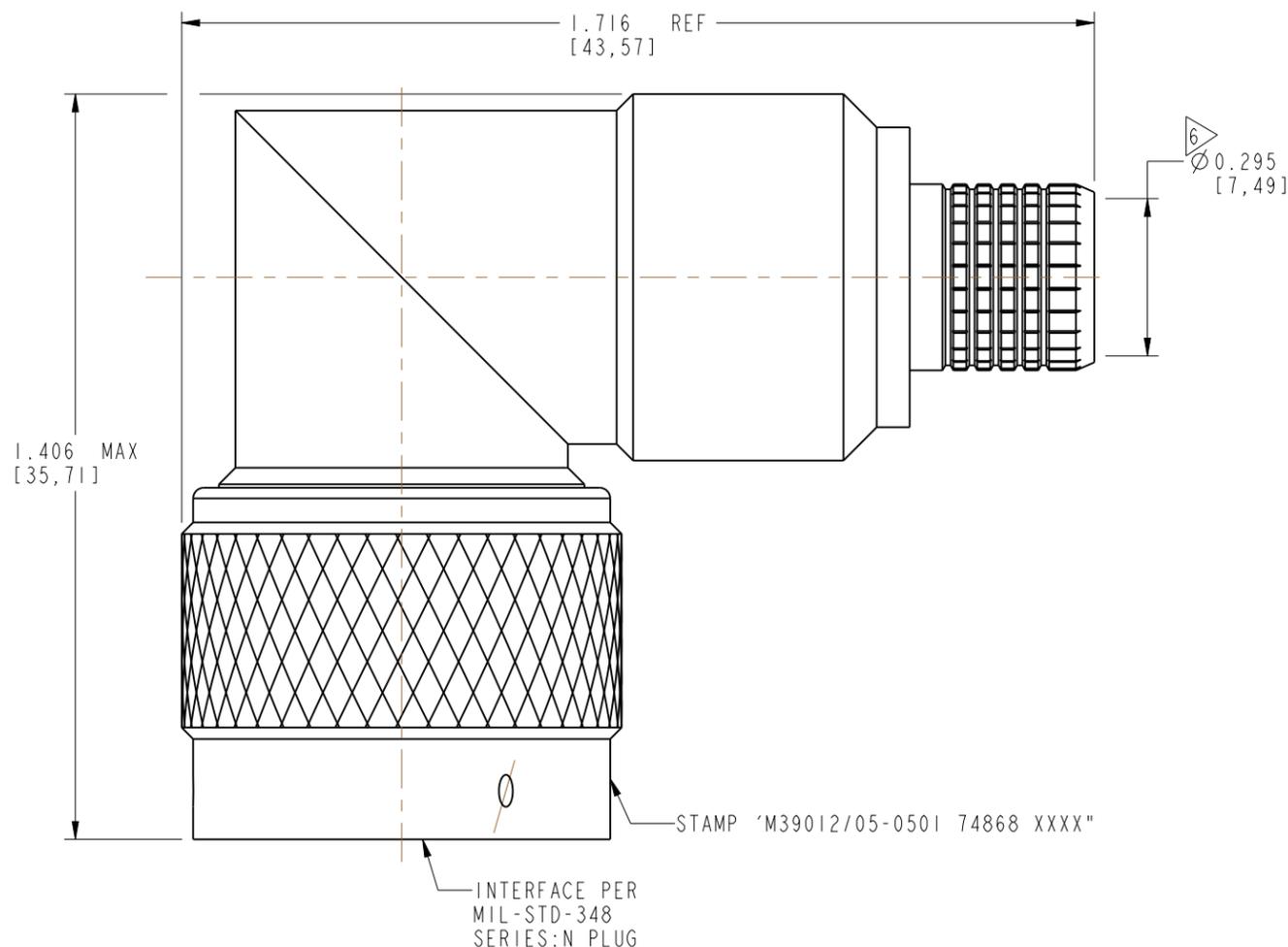
REVISIONS

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



SCALE 1.000

MIL-C-39012 INSPECTION



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 ± 0.015 (0,381 mm) ± 0.005 (0,127 mm) $\pm 1^\circ$	MATERIAL	DRAWN	DATE	TITLE N RA PLUG MIL-CRIMP (CATEGORY D) FOR RG 9, 214, 225 & 393/U CABLES		Amphenol RF www.amphenolrf.com	
	SEE NOTES	KARTHIK R	30-Mar-16				
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	DOR 309188-51 AND MIL-C-39012/05-0501	O. BARTHELMES	18-Nov-13				
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE B REV AC		PART NO.82-4440
FINISH	K. CAPOZZI	06-Jun-18	CAD FILE				