

NOTES:

1. MATERIALS AND FINISHES:

N STR CRIMP PLUG - BRASS, WHITE BRONZE PLATING  
 CABLE - LMR 400

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

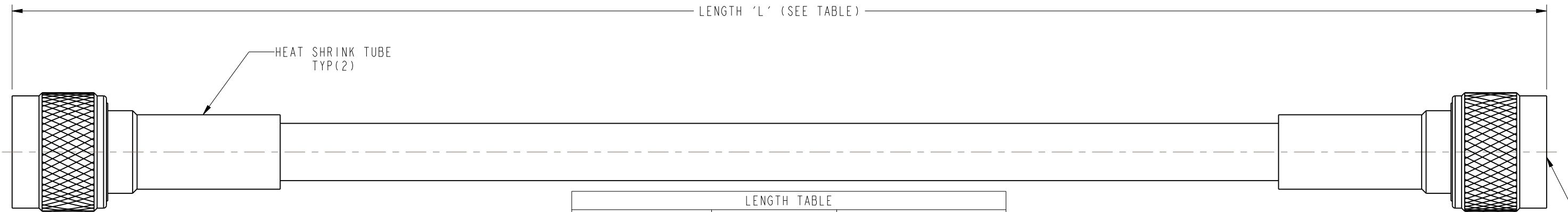
3. PACKAGING:

A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 175101-10-XX.XX, AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22-Jun-10	--	CL
D	SEE SHEET 1	1/5/16	50917	NR
E	ADDED 175101-10-M1.50 TO TABLE	20-Aug-18	08961	EH



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' INCHES [METERS]
175101-10-06.00	-	6.00 [0.152]
-	175101-10-M0.25	9.84 [0.250]
175101-10-12.00	-	12.00 [0.305]
175101-10-18.00	-	18.00 [0.457]
-	175101-10-M0.50	19.69 [0.500]
175101-10-24.00	-	24.00 [0.610]
-	175101-10-M0.75	29.53 [0.750]
175101-10-36.00	-	36.00 [0.914]
-	175101-10-M1.00	39.37 [1.000]
175101-10-48.00	-	48.00 [1.219]
-	175101-10-M1.50	59.06 [1.500]
175101-10-72.00	-	72.00 [1.829]
-	175101-10-M2.00	78.74 [2.000]
175101-10-96.00	-	96.00 [2.438]
175101-10-108	-	108.00 [2.743]
175101-10-120	-	120.00 [3.048]
-	175101-10-M4.00	157.48 [4.000]
175101-10-240	-	240.00 [6.096]
175101-10-360	-	360.00 [9.144]
-	175101-10-M10	393.70 [10.000]
175101-10-480	-	480.00 [12.192]

INTERFACE PER MIL-STD-348 SERIES:N PLUG TYP(2)

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> FREQUENCY: DC TO 5.8 GHz | <input checked="" type="checkbox"/> CONTINUITY        |
| <input type="checkbox"/> VSWR: ----- MAX                     | <input checked="" type="checkbox"/> HI-POT : 500 VRMS |
| <input type="checkbox"/> INS. LOSS ----- dB MAX              | <input type="checkbox"/> OTHER                        |

\* ADDITIONAL LENGTHS CAN BE PROVIDED, CONTACT AMPHENOL RF MARKETING FOR QUOTE

**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°	MATERIAL	DRAWN	DATE	TITLE N STR CRIMP PLUG TO N STR CRIMP PLUG USING LMR 400 CABLE, VARIOUS LENGTHS		Amphenol RF www.amphenolrf.com	
	SEE NOTES	RAJAGOPAL N	07-Dec-15				
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	APPROVED	DATE	SCALE: 1.4:1.0	SHEET 2 OF 2	DRAWING NO. 175101-10-XX.XX	
	EAR 7034	K. CAPOZZI	12/23/15			ITEM NO. 175101-10-XX.XX	
	CONFIGURATION LEVEL: In Work	FINISH	CAD FILE	DWG SIZE B		REV E	PART NO. 175101-10-XX.XX