NOTES:

1. MATERIALS AND FINISHES:
   N STR CRIMP PLUG - BRASS, WHITE BRONZE PLATING
   CABLE - LMR 240

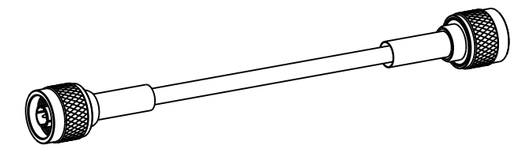
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 175101-22-XX.XX AND DATE CODE".

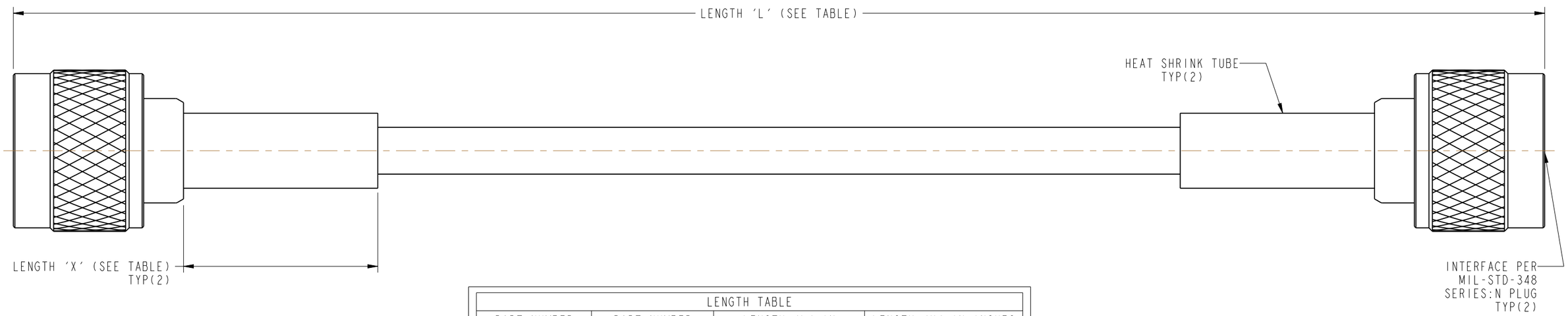
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
B	FORMAT UPDATED, 18.00", 48.00" & METRIC LENGTHS ADDED	29-Sep-16	1985	AG



SCALE 0.450



LENGTH TABLE

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
175101-22-06.00	-	6.00 [0.152]	0.75 [0.019]
-	175101-22-M0.25	9.84 [0.250]	
175101-22-12.00	-	12.00 [0.305]	
175101-22-18.00	-	18.00 [0.457]	
-	175101-22-M0.50	19.69 [0.500]	1.50 [0.038]
175101-22-24.00	-	24.00 [0.610]	
-	175101-22-M0.75	29.53 [0.750]	
175101-22-36.00	-	36.00 [0.914]	
-	175101-22-M1.00	39.37 [1.000]	
175101-22-48.00	-	48.00 [1.219]	
-	175101-22-M2.00	78.74 [2.000]	
-	175101-22-M4.00	157.48 [4.000]	

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:

- [ ] FREQUENCY: ____ TO ____ GHz
- [ ] VSWR ____ : 1 MAX
- [ ] INS. LOSS: ____ dB MAX
- [x] CONTINUITY
- [x] HI-POT : 500 VRMS
- [ ] OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 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
SEE NOTES

REFERENCE
EAR # 7307

CONFIGURATION LEVEL: In Work

FINISH

DRAWN ANANDH G	DATE 05-Jul-16	
ENGINEER KARTHIK R	DATE 28-Mar-12	
APPROVED K.CAPOZZI	DATE 29-Sep-16	
CAD FILE		

TITLE
N STR CRIMP PLUG TO
N STR CRIMP PLUG
USING LMR-240 CABLE,
VARIOUS LENGTH

SCALE: 2.0:1.0 | SHEET 2 OF 2

DWG SIZE B | REV B

Amphenol RF
www.amphenolrf.com

DRAWING NO. 175101-22-XX-XX
ITEM NO. 175101-22-XX-XX
PART NO. 175101-22-XX-XX