

NOTES:

1. MATERIALS AND FINISHES:
N STR CRIMP PLUG - BRASS, WHITE BRONZE PLATING
CABLE - RG 142
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 175101-07-XX.XX AND DATE CODE".

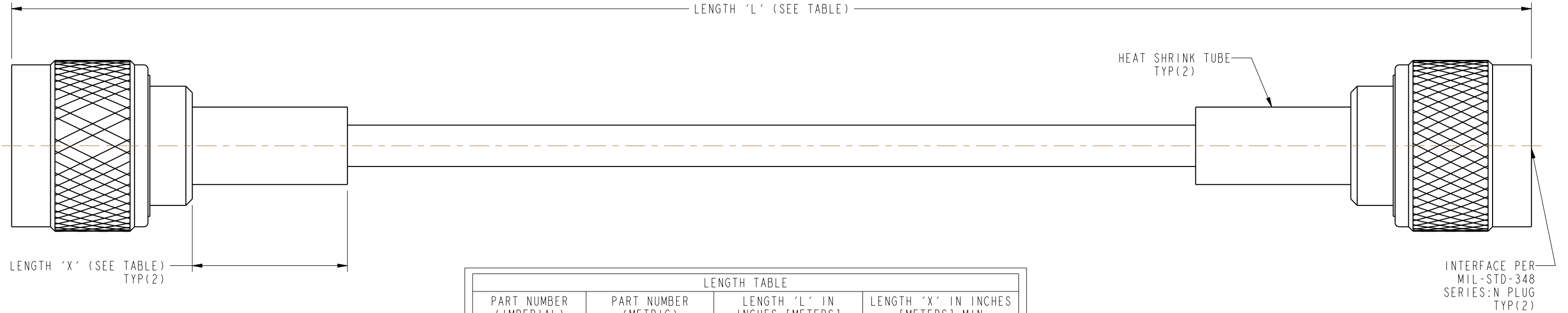
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASE TO MFG.	--	--	--
B	FORMAT UPDATED, 18.00", 48.00" & METRIC LENGTHS ADDED	21-Sep-16	1941	AG
C	METRIC PART NUMBER UPDATED	28-Feb-17	3143	VK



SCALE 0.450



LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
175101-07-06.00	-	6.00 [0.152]	0.75 [0.019]
-	175101-07-M0.25	9.84 [0.250]	
175101-07-12.00	-	12.00 [0.305]	
175101-07-18.00	-	18.00 [0.457]	1.50 [0.038]
-	175101-07-M0.50	19.69 [0.500]	
175101-07-24.00	-	24.00 [0.610]	
-	175101-07-M0.75	29.53 [0.750]	
175101-07-36.00	-	36.00 [0.914]	
-	175101-07-M1.00	39.37 [1.000]	
175101-07-48.00	-	48.00 [1.219]	2.00 [0.051]
-	175101-07-M2.00	78.74 [2.000]	
-	175101-07-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 CONTINUITY

VSWR ____ : 1 MAX HI-POT : 750 VRMS

INS. LOSS : ____ dB MAX 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 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 RG-142 CABLE, VARIOUS LENGTH	Amphenol RF www.amphenolrf.com
	SEE NOTES	ANANDH G	04-Jul-16		
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	EAR # 7307	KARTHIK R	05-Aug-10		
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		
FINISH	K.CAPOZZI	28-Feb-17		DWG SIZE	REV
				B	C
					DRAWING NO. 175101-07-XX-XX
					ITEM NO. 175101-07-XX-XX
					PART NO. 175101-07-XX-XX