

NOTES:

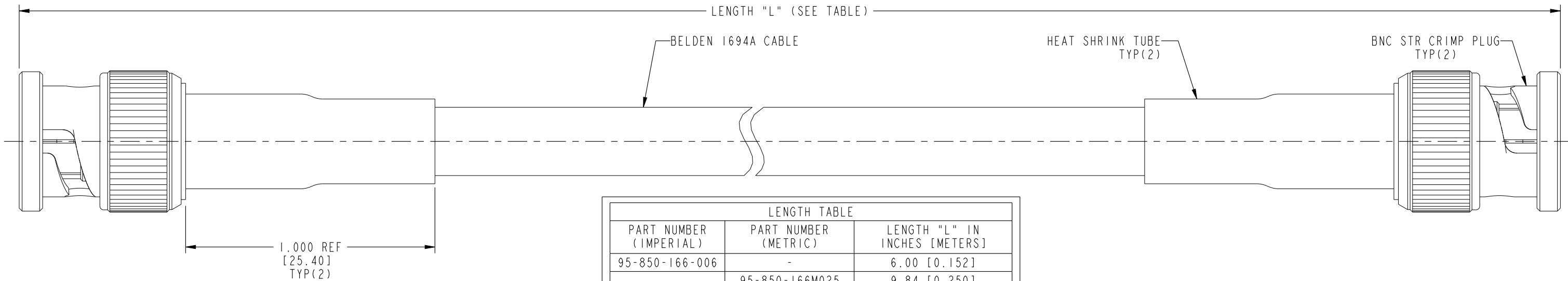
- 1. MATERIALS AND FINISHES:  
 BNC STR CRIMP PLUG - 112957-11  
 CABLE - BELDEN 1694A
- 2. ELECTRICAL:  
 A. IMPEDANCE: 75 OHM

- 3. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 95-850-166XXXX, AND DATE CODE"

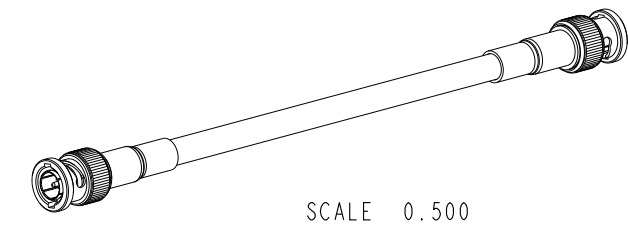
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-May-15	50347	NR/BCG
B	HI POT 300 VRMS WAS 500 & TOLERANCE TABLE ADDED	15-Oct-19	13281	VK



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH "L" IN INCHES [METERS]
95-850-166-006	-	6.00 [0.152]
	95-850-166M025	9.84 [0.250]
95-850-166-012	-	12.00 [0.305]
95-850-166-018	-	18.00 [0.457]
-	95-850-166M050	19.69 [0.500]
95-850-166-024	-	24.00 [0.610]
-	95-850-166M075	29.53 [0.750]
95-850-166-036	-	36.00 [0.914]
-	95-850-166M100	39.37 [1.000]
95-850-166-048	-	48.00 [1.219]
-	95-850-166M125	49.21 [1.250]
-	95-850-166M150	59.06 [1.500]
95-850-166-060	-	60.00 [1.524]
95-850-166-072	-	72.00 [1.829]
-	95-850-166M200	78.74 [2.000]
-	95-850-166M300	118.11 [3.000]
95-850-166-120	-	120.00 [3.048]
95-850-166-180	-	180.00 [4.572]
	95-850-166M500	196.85 [5.000]
95-850-166-300	-	300.00 [7.620]
-	95-850-166M10L	393.70 [10.000]
95-850-166L050	-	600.00 [15.240]
-	95-850-166M20L	787.40 [20.000]
95-850-166L075	-	900.00 [22.860]
-	95-850-166M30L	1181.10 [30.000]
95-850-166L100	-	1200.00 [30.480]



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 DC - 4 GHz
- CONTINUITY
- VSWR: ---- MAX.
- HI-POT: 300 VRMS
- INS. LOSS: ---- dB MIN.
- 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 BNC STR CRIMP PLUG TO BNC STR CRIMP PLUG, USING BELDEN 1694A CABLE, VARIOUS LENGTH SCALE: 2.5:1.0 SHEET 2 OF 2		Amphenol RF www.amphenolrf.com	
	SEE NOTES	CLEMENT	10-Dec-14				
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	DRAWING NO. 95-850-166XXXX ITEM NO. 95-850-166XXXX		PART NO. 95-850-166XXXX	
	EAR # 6516	CLEMENT	10-Dec-14				
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE B		REV B
FINISH	K. CAPOZZI	15-Oct-19					

# Mouser Electronics

Authorized Distributor

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## Amphenol:

[095-850-166-024](#) [095-850-166-018](#) [095-850-166M300](#) [095-850-166M050](#) [095-850-166L100](#) [095-850-166-072](#) [095-850-166M100](#) [095-850-166M025](#) [095-850-166-036](#)