

NOTES:

1. MATERIALS AND FINISHES:

BNC STR CRIMP PLUG - 112957-11  
 CABLE - BELDEN 1694A

3. PACKAGING:

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

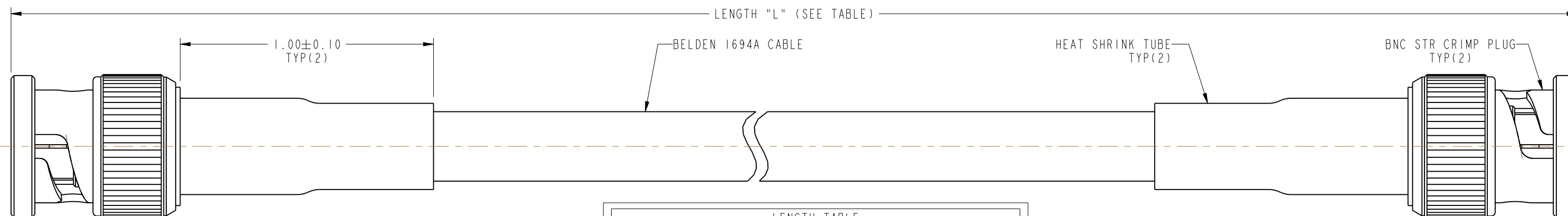
2. ELECTRICAL:

A. IMPEDANCE: 75 OHM

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION     | DATE    | ECO   | APPR   |
|-----|-----------------|---------|-------|--------|
| A   | RELEASE TO MFG. | 5/12/15 | 50347 | NR/BCG |



| 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]              |



SCALE 0.500

DESIGN REQUIREMENTS:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> FREQUENCY DC TO 4 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 MIN           | <input type="checkbox"/> OTHER                        |

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|   |                              |          |           |   |               |                                   |          |
|---|------------------------------|----------|-----------|---|---------------|-----------------------------------|----------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES<br>±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°  | MATERIAL                     | DRAWN    | DATE      | TITLE<br>BNC STR CRIMP PLUG TO<br>BNC STR CRIMP PLUG,<br>USING BELDEN 1694A CABLE,<br>VARIOUS LENGTH<br>SCALE: 2.5:1.0 SHEET 2 OF 2 |               | Amphenol RF<br>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<br>ITEM NO. 95-850-166XXXX   |               | PART NO. 95-850-166XXXX           |          |
|   | EAR # 6516                   | CLEMENT  | 10-Dec-14 |   |               |                                   |          |
|   | CONFIGURATION LEVEL: In Work | APPROVED | DATE      |   | DWG SIZE<br>B |                                   | REV<br>A |
| FINISH  | K. CAPOZZI                   | 5/12/15  |           |   |               |                                   |          |