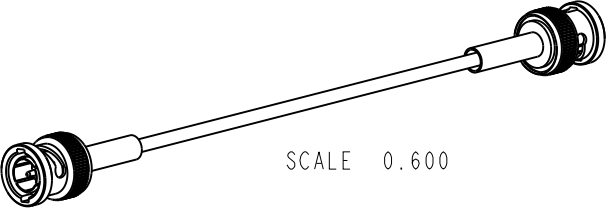


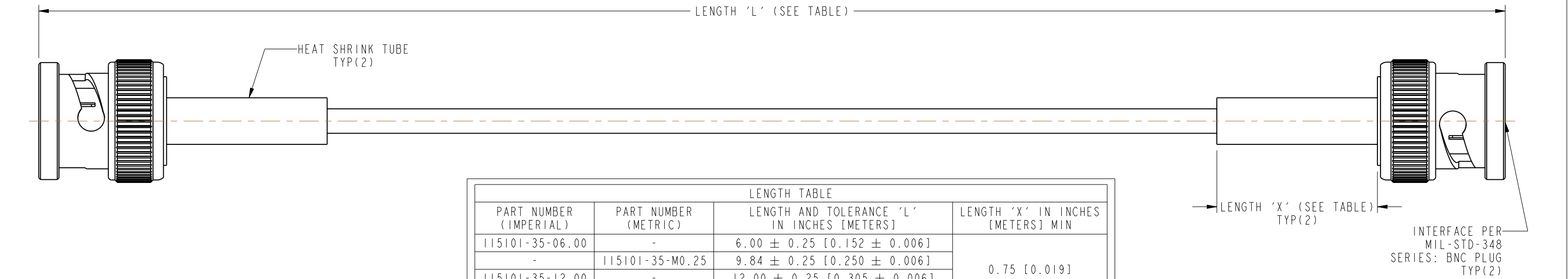
NOTES:  
  
1. MATERIALS AND FINISHES:  
BNC STR CRIMP PLUG - PHOSPHOR BRONZE, NICKEL PLATING  
CABLE - BELDEN 179DT  
  
2. ELECTRICAL:  
A. IMPEDANCE: 75 OHM  
  
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 115101-35-XX.XX AND DATE CODE".

THIRD ANGLE PROJ. 

REVISIONS

| REV | DESCRIPTION     | DATE      | ECO  | APPR |
|-----|-----------------|-----------|------|------|
| A   | RELEASE TO MFG. | 07-Dec-16 | 2603 | MR   |





| LENGTH TABLE           |                      |                                             |                                   |
|------------------------|----------------------|---------------------------------------------|-----------------------------------|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH AND TOLERANCE 'L' IN INCHES [METERS] | LENGTH 'X' IN INCHES [METERS] MIN |
| 115101-35-06.00        | -                    | 6.00 ± 0.25 [0.152 ± 0.006]                 | 0.75 [0.019]                      |
| -                      | 115101-35-M0.25      | 9.84 ± 0.25 [0.250 ± 0.006]                 |                                   |
| 115101-35-12.00        | -                    | 12.00 ± 0.25 [0.305 ± 0.006]                |                                   |
| 115101-35-18.00        | -                    | 18.00 ± 0.25 [0.457 ± 0.006]                |                                   |
| -                      | 115101-35-M0.50      | 19.69 ± 0.25 [0.500 ± 0.006]                | 1.50 [0.038]                      |
| 115101-35-24.00        | -                    | 24.00 ± 0.50 [0.610 ± 0.013]                |                                   |
| -                      | 115101-35-M0.75      | 29.53 ± 0.50 [0.750 ± 0.013]                |                                   |
| 115101-35-30.00        | -                    | 30.00 ± 0.50 [0.762 ± 0.013]                |                                   |
| 115101-35-36.00        | -                    | 36.00 ± 0.50 [0.914 ± 0.013]                |                                   |
| -                      | 115101-35-M1.00      | 39.37 ± 0.50 [1.000 ± 0.013]                |                                   |
| 115101-35-48.00        | -                    | 48.00 ± 0.50 [1.219 ± 0.013]                |                                   |
| 115101-35-60.00        | -                    | 60.00 ± 1.50 [1.524 ± 0.038]                |                                   |
| -                      | 115101-35-M2.00      | 78.74 ± 1.97 [2.000 ± 0.050]                |                                   |
| 115101-35-90.00        | -                    | 90.00 ± 2.25 [2.286 ± 0.057]                |                                   |
| -                      | 115101-35-M3.00      | 118.11 ± 2.95 [3.000 ± 0.075]               |                                   |
| 115101-35-120          | -                    | 120.00 ± 3.00 [3.048 ± 0.076]               |                                   |
| -                      | 115101-35-M4.00      | 157.48 ± 3.94 [4.000 ± 0.100]               |                                   |
| 115101-35-180          | -                    | 180.00 ± 4.50 [4.572 ± 0.114]               |                                   |
| 115101-35-300          | -                    | 300.00 ± 15.00 [7.620± 0.381]               |                                   |

| 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 TO 4 GHz

☒ CONTINUITY

☐ VSWR : \_\_\_\_ MAX.

☒ HI-POT : 300 VRMS

☐ INS. LOSS : \_\_\_\_ dB MAX

☐ OTHER

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                              |                       |                   |                                                                                                            |          |                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------|-----------------------|-------------------|------------------------------------------------------------------------------------------------------------|----------|---------------------------------------|--|
| 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<br><br>SEE NOTES    | DRAWN<br>VIJI K       | DATE<br>03-Oct-16 | TITLE<br>75 OHM BNC STR CRIMP PLUG<br>TO BNC STR CRIMP PLUG<br>USING BELDEN 179DT CABLE,<br>VARIOUS LENGTH |          | Amphenol RF<br><br>www.amphenolrf.com |  |
| 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. |  |  |                              | ENGINEER<br>VIJI K    | DATE<br>03-Oct-16 |                                                                                                            |          |                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | REFERENCE<br>EAR # 7288      | APPROVED<br>K.CAPOZZI | DATE<br>07-Dec-16 | SCALE: 2.2:1.0 SHEET 2 OF 2                                                                                |          |                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | CONFIGURATION LEVEL: In Work | CAD FILE              | DWG SIZE<br>B     |                                                                                                            | REV<br>A |                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | FINISH                       |                       |                   |                                                                                                            |          |                                       |  |
| DRAWING NO.115101-35-XX-XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                              |                       |                   |                                                                                                            |          |                                       |  |
| ITEM NO.115101-35-XX-XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |                              |                       |                   |                                                                                                            |          |                                       |  |
| PART NO.115101-35-XX-XX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |                              |                       |                   |                                                                                                            |          |                                       |  |

CUSTOMER OUTLINE DRAWING  
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