NOTES:

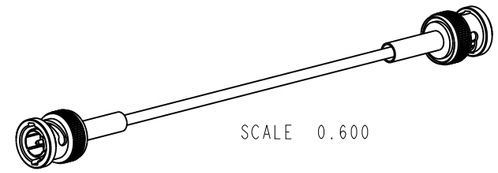
1. MATERIALS AND FINISHES:
   BNC STR CRIMP PLUG - PHOSPHOR BRONZE, NICKEL PLATING
   CABLE - BELDEN 179DT

2. ELECTRICAL:
   A. IMPEDANCE: 75 OHM

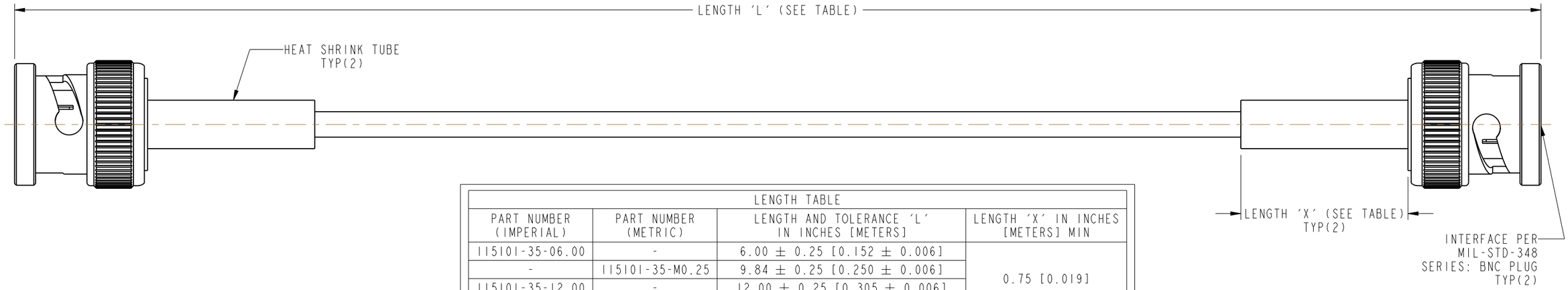
3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 115101-35-XX.XX AND DATE CODE".

THIRD ANGLE PROJ.

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



SCALE 0.600




| 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:

- [X] FREQUENCY : DC TO 4 GHz
- [ ] VSWR : ____ MAX.
- [ ] INS. LOSS : ____ dB MAX
- [X] CONTINUITY
- [X] HI-POT : 300 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 # 7288

CONFIGURATION LEVEL: In Work

FINISH

DRAWN VIJI K — DATE 03-Oct-16

ENGINEER VIJI K — DATE 03-Oct-16

APPROVED K.CAPOZZI — DATE 07-Dec-16

CAD FILE

TITLE
75 OHM BNC STR CRIMP PLUG TO BNC STR CRIMP PLUG USING BELDEN 179DT CABLE, VARIOUS LENGTH

SCALE: 2.2:1.0 | SHEET 2 OF 2

DWG SIZE B | REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. 115101-35-XX-XX

ITEM NO. 115101-35-XX-XX

PART NO. 115101-35-XX-XX