

NOTES:

## I. MATERIALS AND FINISHES:

HD-BNC STR PLUG - BRASS, NICKEL PLATING  
BNC STR PLUG - BRASS, NICKEL PLATING  
CABLE - BELDEN 1855A

## 2. ELECTRICAL:

A. IMPEDANCE: 75 OHM

### 3. MECHANICAL:

A. TEMPERATURE RANGE :  $-30^{\circ}\text{C}$  TO  $+75^{\circ}\text{C}$

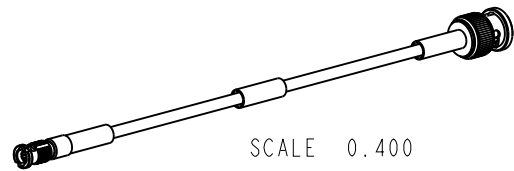
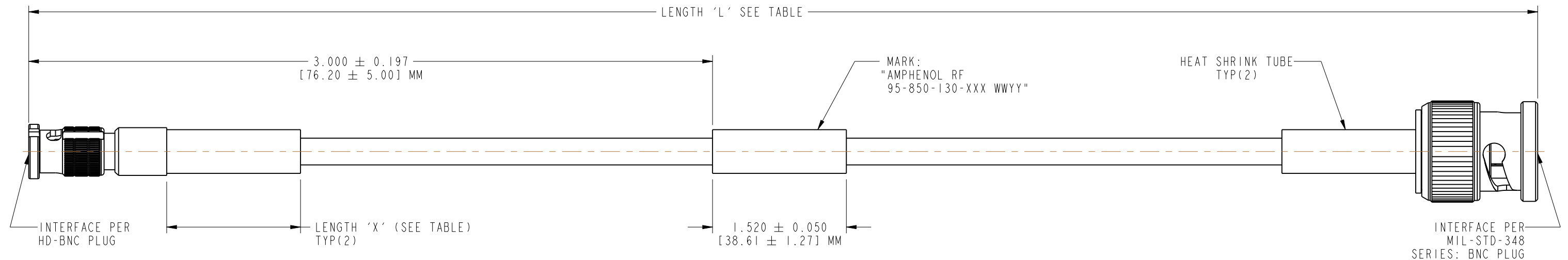
4. PACKAGING:

A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-850-130-XXX AND DATE CODE"

THIRD ANGLE PROJ. 

## REVISIONS

| REV | DESCRIPTION                                                           | DATE      | ECO   | APPR |
|-----|-----------------------------------------------------------------------|-----------|-------|------|
| A   | RELEASE TO MFG                                                        | 10-Dec-12 | 49339 | KR   |
| E   | 24.00", 48.00", METRIC LENGTHS &<br>HST LENGTHS ADDED IN LENGTH TABLE | 12/7/16   | 2143  | VK   |
| F   | METRIC PART NUMBERS UPDATED                                           | 2/28/17   | 3143  |      |



| LENGTH TABLE              |                         |                                  |                                      |
|---------------------------|-------------------------|----------------------------------|--------------------------------------|
| PART NUMBER<br>(IMPERIAL) | PART NUMBER<br>(METRIC) | LENGTH 'L'<br>IN INCHES [METERS] | LENGTH 'X' IN INCHES<br>[METERS] MIN |
| 95-850-130-006            | -                       | 6.00 [0.152]                     | 0.75 [0.019]                         |
| -                         | 95-850-130M025          | 9.84 [0.250]                     |                                      |
| -                         | 95-850-130M030          | 11.81 [0.300]                    |                                      |
| 95-850-130-012            | -                       | 12.00 [0.305]                    |                                      |
| 95-850-130-018            | -                       | 18.00 [0.457]                    |                                      |
| -                         | 95-850-130M050          | 19.69 [0.500]                    | 1.50 [0.038]                         |
| 95-850-130-024            | -                       | 24.00 [0.610]                    |                                      |
| -                         | 95-850-130M075          | 29.53 [0.750]                    |                                      |
| 95-850-130-036            | -                       | 36.00 [0.914]                    |                                      |
| -                         | 95-850-130M100          | 39.37 [1.000]                    |                                      |
| 95-850-130-048            | -                       | 48.00 [1.219]                    |                                      |
| -                         | 95-850-130M125          | 49.21 [1.250]                    |                                      |
| -                         | 95-850-130M150          | 59.05 [1.500]                    |                                      |
| 95-850-130-072            | -                       | 72.00 [1.829]                    |                                      |
| -                         | 95-850-130M200          | 78.74 [2.000]                    |                                      |
| -                         | 95-850-130M300          | 118.11 [3.000]                   |                                      |
| -                         | 95-850-130M400          | 157.48 [4.000]                   |                                      |
| -                         | 95-850-130M500          | 196.85 [5.000]                   |                                      |

| 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:

|                                                             |                                                      |
|-------------------------------------------------------------|------------------------------------------------------|
| <input checked="" type="checkbox"/> FREQUENCY : DC TO 3 GHz | <input checked="" type="checkbox"/> CONTINUITY       |
| <input type="checkbox"/> VSWR ---- : 1 MAX                  | <input checked="" type="checkbox"/> HI-POT: 750 VRMS |
| <input type="checkbox"/> INS. LOSS: ---- dB MAX             | <input type="checkbox"/> OTHER                       |

|                                                                          |                  |        |
|--------------------------------------------------------------------------|------------------|--------|
| 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°   |

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|          |
|----------|
| MATERIAL |
|----------|

SEE NOTES

|           |            |
|-----------|------------|
| REFERENCE | EAR # 7307 |
|-----------|------------|

CONFIGURATION LEVEL: In Work

FINISH

DRAWN  
ABHAYA KISHORE

ENGINEER  
ABHAYA KISHORE

APPROVED  
K. CAPOZZI

CAD FILE

DATE  
12-Nov-15

DATE  
19-Jan-12

DATE  
28-Feb-17

|       |                                                                                         |
|-------|-----------------------------------------------------------------------------------------|
| TITLE | HD-BNC STR PLUG TO<br>BNC STR CRIMP PLUG<br>USING BELDEN 1855A<br>CABLE, VARIOUS LENGTH |
|-------|-----------------------------------------------------------------------------------------|

|                |              |
|----------------|--------------|
| SCALE: 1.8:1.0 | SHEET 2 OF 2 |
|----------------|--------------|

DWG SIZE  
B

REV  
F

Amphenol RF

www.amphenorrf.com

DRAWING NO. 95-850-130-XXX

ITEM NO. 95-850-130-XXX

PART NO. 95-850-130-XXX

## CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY