

NOTES:

1. MATERIALS AND FINISHES:  
BNC STR CRIMP PLUG- BRASS, NICKEL PLATING  
CABLE - BELDEN 4855R

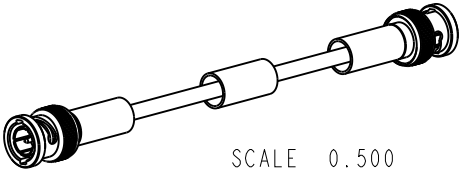
2. ELECTRICAL:  
A. IMPEDANCE: 75 OHM

3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-850-187-XXX AND DATE CODE"

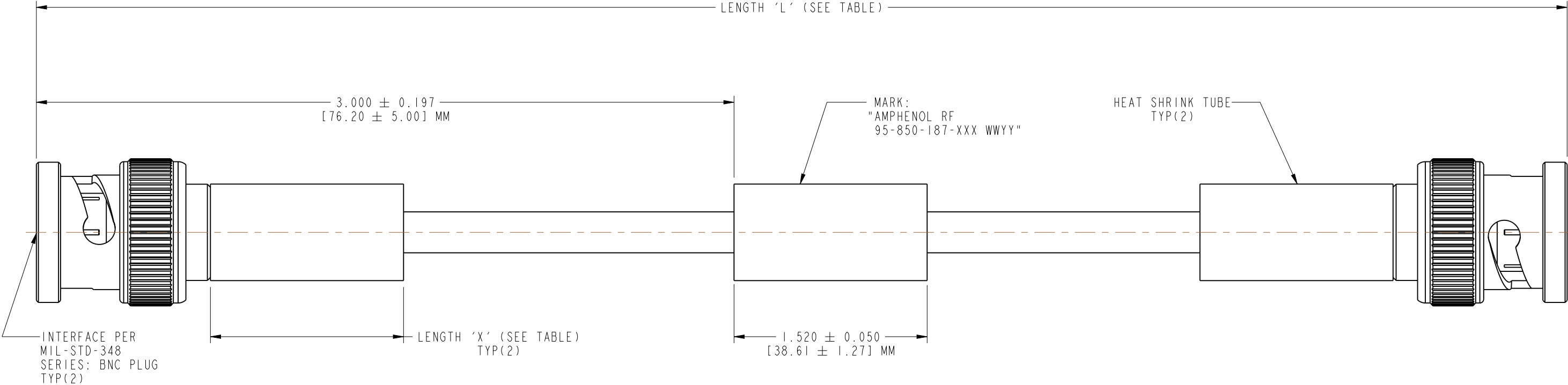
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION     | DATE      | ECO  | APPR |
|-----|-----------------|-----------|------|------|
| A   | RELEASE TO MFG. | 05-May-17 | 3682 | BMG  |



SCALE 0.500



LENGTH 'L' (SEE TABLE)

3.000 ± 0.197  
[76.20 ± 5.00] MM

MARK:  
"AMPHENOL RF  
95-850-187-XXX WWYY"

HEAT SHRINK TUBE  
TYP(2)

INTERFACE PER  
MIL-STD-348  
SERIES: BNC PLUG  
TYP(2)

LENGTH 'X' (SEE TABLE)  
TYP(2)

1.520 ± 0.050  
[38.61 ± 1.27] MM

DESIGN REQUIREMENTS:

☒ FREQUENCY : DC TO 12 GHz

☒ CONTINUITY

☐ VSWR \_\_\_\_\_ : 1 MAX

☒ HI-POT: 250 VRMS

☐ INS. LOSS :\_\_\_\_\_ dB MAX

☐ OTHER

LENGTH TABLE

| PART NUMBER<br>(IMPERIAL) | PART NUMBER<br>(METRIC) | LENGTH 'L' IN<br>INCHES [METERS] | LENGTH 'X' IN INCHES<br>[METERS] MIN |
|---------------------------|-------------------------|----------------------------------|--------------------------------------|
| 95-850-187-006            | -                       | 6.00 [0.152]                     | 0.75 [0.019]                         |
| -                         | 95-850-187M025          | 9.84 [0.250]                     |                                      |
| 95-850-187-012            | -                       | 12.00 [0.305]                    |                                      |
| 95-850-187-018            | -                       | 18.00 [0.457]                    | 1.50 [0.038]                         |
| -                         | 95-850-187M050          | 19.69 [0.500]                    |                                      |
| 95-850-187-024            | -                       | 24.00 [0.610]                    |                                      |
| -                         | 95-850-187M075          | 29.53 [0.750]                    |                                      |
| 95-850-187-036            | -                       | 36.00 [0.914]                    |                                      |
| -                         | 95-850-187M100          | 39.37 [1.000]                    |                                      |
| 95-850-187-048            | -                       | 48.00 [1.219]                    |                                      |
| -                         | 95-850-187M200          | 78.74 [2.000]                    |                                      |
| -                         | 95-850-187M400          | 157.48 [4.000]                   |                                      |

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%          |

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°

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MATERIAL  
SEE NOTES

REFERENCE  
EAR # 7622

CONFIGURATION LEVEL: In Work

FINISH

DRAWN  
LOKESH P

ENGINEER  
LOKESH P

APPROVED  
K. CAPOZZI

CAD FILE

DATE  
24-Mar-17

DATE  
24-Mar-17

DATE  
05-May-17

TITLE  
BNC STR CRIMP PLUG TO  
BNC STR CRIMP PLUG  
USING BELDEN 4855R  
CABLE, VARIOUS LENGTH

SCALE: 2.5:1.0

SHEET 2 OF 2

DWG SIZE  
B

REV  
A

Amphenol RF  
www.amphenolrf.com

DRAWING NO.95-850-187-XXX

ITEM NO.95-850-187-XXX

PART NO.95-850-187-XXX