

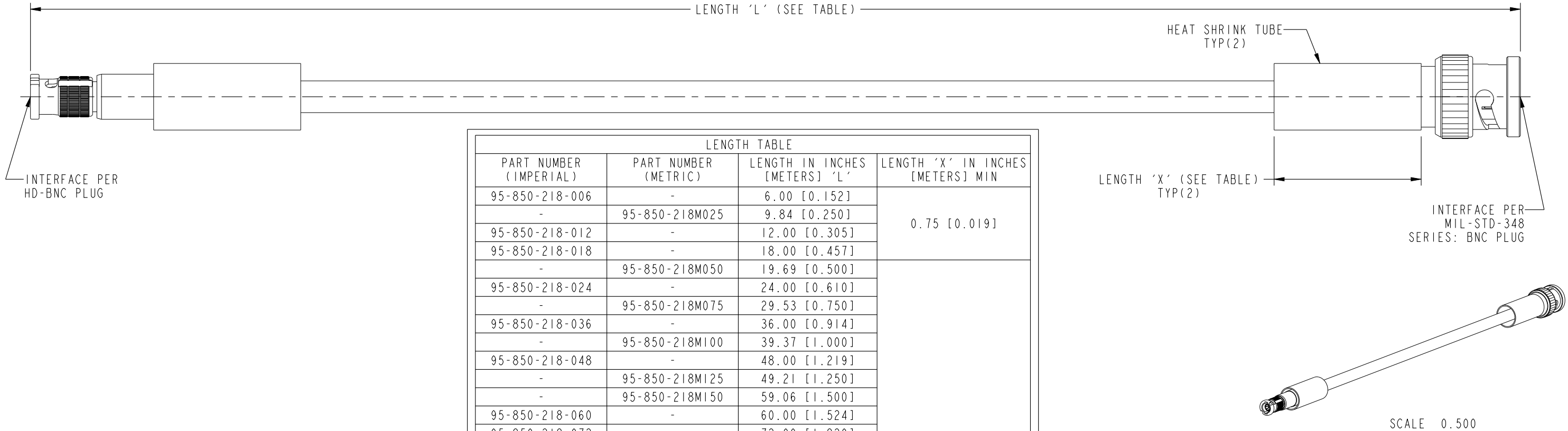
NOTES:

THIRD ANGLE PROJ. 

| REVISIONS |
|-----------|
|-----------|

| REV | DESCRIPTION     | DATE      | ECO  | APPR |
|-----|-----------------|-----------|------|------|
| A   | RELEASE TO MFG. | 20-Nov-18 | 9701 | SK   |

1. MATERIALS AND FINISHES:
  - HD-BNC STR PLUG - BRASS, NICKEL PLATING
  - BNC STR PLUG - PHOSPHOR BRONZE, NICKEL PLATING
  - CABLE - BELDEN 4694R, BLACK
2. ELECTRICAL:
  - A. IMPEDANCE: 75 OHM
3. PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-850-218-XXX AND DATE CODE"



| LENGTH TABLE              |                         |                                  |                                      |
|---------------------------|-------------------------|----------------------------------|--------------------------------------|
| PART NUMBER<br>(IMPERIAL) | PART NUMBER<br>(METRIC) | LENGTH IN INCHES<br>[METERS] 'L' | LENGTH 'X' IN INCHES<br>[METERS] MIN |
| 95-850-218-006            | -                       | 6.00 [0.152]                     | 0.75 [0.019]                         |
| -                         | 95-850-218M025          | 9.84 [0.250]                     |                                      |
| 95-850-218-012            | -                       | 12.00 [0.305]                    |                                      |
| 95-850-218-018            | -                       | 18.00 [0.457]                    |                                      |
| -                         | 95-850-218M050          | 19.69 [0.500]                    | 1.50 [0.038]                         |
| 95-850-218-024            | -                       | 24.00 [0.610]                    |                                      |
| -                         | 95-850-218M075          | 29.53 [0.750]                    |                                      |
| 95-850-218-036            | -                       | 36.00 [0.914]                    |                                      |
| -                         | 95-850-218M100          | 39.37 [1.000]                    |                                      |
| 95-850-218-048            | -                       | 48.00 [1.219]                    |                                      |
| -                         | 95-850-218M125          | 49.21 [1.250]                    |                                      |
| -                         | 95-850-218M150          | 59.06 [1.500]                    |                                      |
| 95-850-218-060            | -                       | 60.00 [1.524]                    |                                      |
| 95-850-218-072            | -                       | 72.00 [1.829]                    |                                      |
| -                         | 95-850-218M200          | 78.74 [2.000]                    |                                      |
| -                         | 95-850-218M300          | 118.11 [3.000]                   |                                      |
| 95-850-218-120            | -                       | 120.00 [3.048]                   |                                      |
| 95-850-218-144            | -                       | 144.00 [3.658]                   |                                      |
| 95-850-218-180            | -                       | 180.00 [4.572]                   |                                      |
| -                         | 95-850-218M500          | 196.85 [5.000]                   |                                      |
| 95-850-218-300            | -                       | 300.00 [7.620]                   |                                      |
| -                         | 95-850-218M10L          | 393.70 [10.000]                  |                                      |
| 95-850-218L050            | -                       | 600.00 [15.240]                  |                                      |
| -                         | 95-850-218M20L          | 787.40 [20.000]                  |                                      |
| 95-850-218L075            | -                       | 900.00 [22.860]                  |                                      |
| -                         | 95-850-218M30L          | 1181.10 [30.000]                 |                                      |
| 95-850-218L100            | -                       | 1200.00 [30.480]                 |                                      |

| 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 - 12 GHz | <input checked="" type="checkbox"/> CONTINUITY        |
| <input type="checkbox"/> VSWR: ____ : 1 MAX                | <input checked="" type="checkbox"/> HI-POT : 300 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<br><br>SEE NOTES    | DRAWN<br>KAVI S       | DATE<br>25-Sep-18 | TITLE<br>75 OHM HD-BNC STR PLUG<br>TO BNC STR PLUG USING<br>BELDEN 4694R CABLE<br>VARIOUS LENGTH |  | <div>Amphenol RF</div> <div>www.amphenolrf.com</div> |  |
|                              | ENGINEER<br>KAVI S    | DATE<br>25-Sep-18 |                                                                                                  |  |                                                      |  |
| REFERENCE<br>EAR # 8638      | APPROVED<br>K.CAPOZZI | DATE<br>20-Nov-18 | SCALE: 1.5:1.0                                                                                   |  | SHEET 2 OF 2                                         |  |
| CONFIGURATION LEVEL: In Work | CAD FILE              |                   | DWG SIZE<br>B                                                                                    |  | REV<br>A                                             |  |
| FINISH                       |                       |                   |                                                                                                  |  |                                                      |  |
|                              |                       |                   |                                                                                                  |  | DRAWING NO.95-850-218-XXX                            |  |
|                              |                       |                   |                                                                                                  |  | ITEM NO.95-850-218-XXX                               |  |
|                              |                       |                   |                                                                                                  |  | PART NO.95-850-218-XXX                               |  |