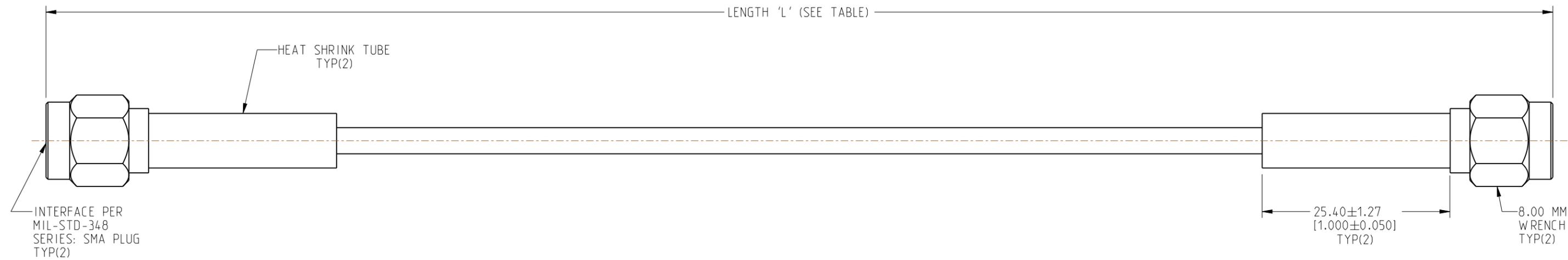
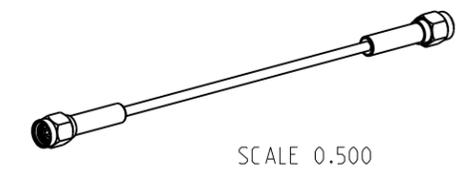


NOTES:

1. MATERIALS AND FINISHES:  
SMA STR PLUG - BRASS, NICKEL PLATING  
CABLE - LMR 100A
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 95-902-589-XXX AND DATE CODE".

| REVISIONS |                 |           |       |    |
|-----------|-----------------|-----------|-------|----|
| REV       | DESCRIPTION     | DATE      | ECN   | BY |
| A         | RELEASE TO MFG. | 30-MAR-23 | 16627 | KR |



| LENGTH TABLE           |                      |                               |
|------------------------|----------------------|-------------------------------|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH 'L' IN INCHES [METERS] |
| -                      | 95-902-589M025       | 9.84 [0.250]                  |
| 95-902-589-012         | -                    | 12.00 [0.305]                 |
| 95-902-589-018         | -                    | 18.00 [0.457]                 |
| -                      | 95-902-589M050       | 19.69 [0.500]                 |
| 95-902-589-024         | -                    | 24.00 [0.610]                 |
| 95-902-589-036         | -                    | 36.00 [0.914]                 |
| -                      | 95-902-589M100       | 39.37 [1.000]                 |
| 95-902-589-048         | -                    | 48.00 [1.219]                 |
| -                      | 95-902-589M200       | 78.74 [2.000]                 |
| -                      | 95-902-589M300       | 118.11 [3.000]                |

| TOLERANCE TABLE                 |                |
|---------------------------------|----------------|
| LENGTH IN INCHES/FT [METERS]    | TOLERANCE      |
| 0" - 23.99" [0 - 0.609]         | ±0.25" [0.006] |
| 24.00" - 59.99" [0.610 - 1.523] | ±0.50" [0.013] |
| 5.0' - 24.99' [1.524 - 7.617]   | ±2.5%          |
| 25.0' & UP [7.620 & UP]         | ±5.0%          |

| DESIGN REQUIREMENTS  |  |
|--|--|
| <input checked="" type="checkbox"/> FREQUENCY: DC - 12.4 GHz | <input checked="" type="checkbox"/> CONTINUITY       |
| <input type="checkbox"/> VSWR: _____ :1 MAX.                 | <input checked="" type="checkbox"/> HI-POT: 500 VRMS |
| <input type="checkbox"/> INS. LOSS: _____ dB MAX.            | <input type="checkbox"/> OTHER                       |

**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|  |           |   |              |                       |                  |   |                |  |                |   |   |
|--|-----------|---|--------------|-----------------------|------------------|---|----------------|--|----------------|---|---|
| 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. |           | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:<br><0.5mm = ±0.05mm [ $\pm 0.020$ = ±0.002]<br>0.5 - 6mm = ±0.1mm [ $\pm 0.020$ - 0.236 = ±0.004]<br>>6.00 - 30mm = ±0.2mm [ $\pm 0.236$ - 1.181 = ±0.008]<br>>30.00 - 120mm = ±0.3mm [ $\pm 1.181$ - 4.725 = ±0.012] |              | MATERIAL<br>SEE NOTES |                  | TITLE<br>SMA STR PLUG TO SMA STR PLUG<br>USING LMR 100A CABLE<br>VARIOUS LENGTH |                | <b>Amphenol RF</b><br>DRAWING NO. 95-902-589-XXX<br>ITEM NO. 95-902-589-XXX<br>PART NO. 95-902-589-XXX |                |   |   |
| THIRD ANGLE PROJ.  | REFERENCE | EAR# 11769  | ANGLES = ±1° |                       | ENGR.1 KARTHIK R | ENGR.2  | DATE 07-MAR-23 | SHEET NO. 2 OF 2   | SCALE: 2.5:1.0 | B | A |