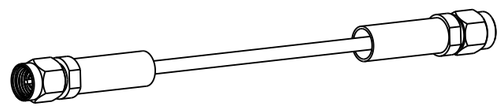
NOTES:

1. MATERIALS AND FINISHES:
   SMA STR PLUG - BRASS, NICKEL PLATING
   CABLE - TFC 302LL

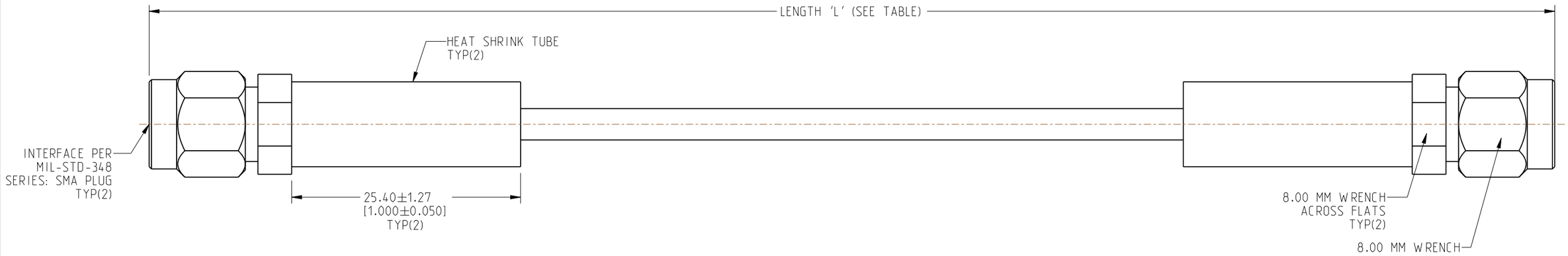
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95-902-597-XXX, AND DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	29-APR-25	17419	RS



SCALE 0.800



LENGTH TABLE	
PART NUMBER (METRIC)	LENGTH 'L' IN METERS [INCHES]
95-902-597M100	1.000 [39.37]
95-902-597M300	3.000 [118.11]
95-902-597M500	5.000 [196.85]
95-902-597M700	7.000 [275.59]
95-902-597M900	9.000 [354.33]
95-902-597M12L	12.000 [472.44]
95-902-597M15L	15.000 [590.55]

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:

- [X] FREQUENCY: DC - 12 GHz
- [ ] VSWR: ____ MAX.
- [ ] INS. LOSS: ____ dB MAX.
- [X] CONTINUITY
- [X] HI-POT: 750 VRMS
- [ ] 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.

THIRD ANGLE PROJ.

REFERENCE

EAR# 12416

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
<0.5mm = ±0.05mm [<0.020 = ±0.002]
0.5 - 6mm = ±0.1mm [>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm [>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm [>1.181 - 4.725 = ±0.012]
ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1: SIBI R | ENGR.2: | DATE: 27-MAY-24

TITLE: SMA STR PLUG TO SMA STR PLUG USING TFC 302LL CABLE

SHEET NO. 2 OF 2 | SCALE: 2.9:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	95-902-597-XXX	A
	ITEM NO. 95-902-597-XXX	
	PART NO. 95-902-597-XXX	