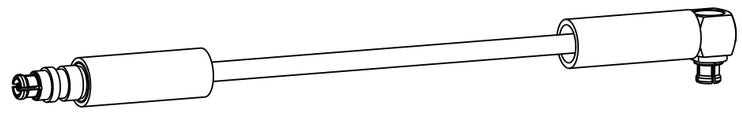
NOTES:

1. MATERIALS AND FINISHES:
   SMPM STR PLUG - BeCu, GOLD PLATING
   SMPM RA PLUG - BeCu, GOLD PLATING
   CABLE - RG 178

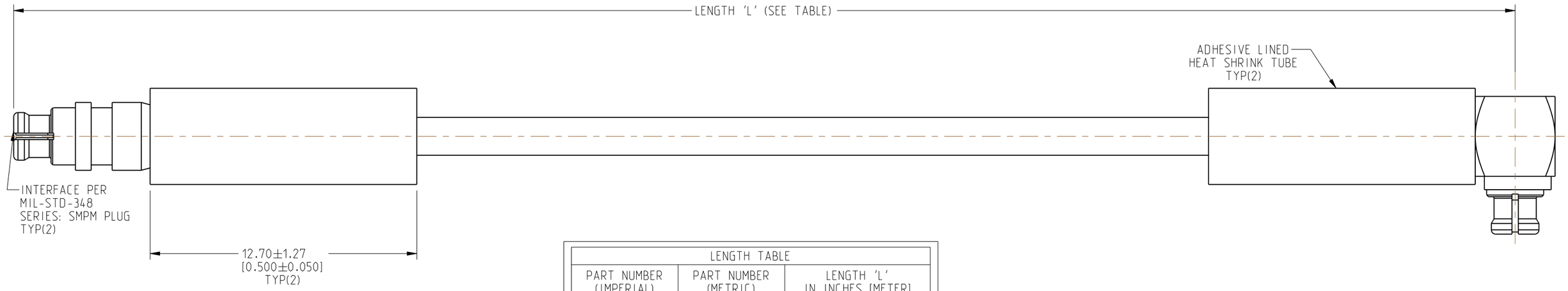
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 95-725-137-XXX AND DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	PROTOTYPE RELEASE	27-MAY-25	17447	RS



SCALE 1.800



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METER]
-	95-725-137M010	3.94 [0.100]
95-725-137-006	-	6.00 [0.152]
-	95-725-137M025	9.84 [0.250]
95-725-137-012	-	12.00 [0.305]
-	95-725-137M040	15.75 [0.400]
95-725-137-018	-	18.00 [0.457]
-	95-725-137M050	19.69 [0.500]
95-725-137-024	-	24.00 [0.610]
95-725-137-036	-	36.00 [0.914]
-	95-725-137M100	39.37 [1.000]
95-725-137-048	-	48.00 [1.219]
-	95-725-137M200	78.74 [2.000]

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

- [X] FREQUENCY: DC - 6 GHz
- [X] CONTINUITY
- [ ] VSWR: ____ MAX.
- [X] HI-POT: 200 VRMS
- [ ] INS. LOSS: ____ dB MAX.
- [ ] 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# 12419

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: 12-APR-24

TITLE: SMPM STR PLUG TO SMPM RA PLUG USING RG 178 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 5.5:1.0

Amphenol RF

SIZE B

DRAWING NO. 95-725-137-XXX

ITEM NO. 95-725-137-XXX

PART NO. 95-725-137-XXX

REV A