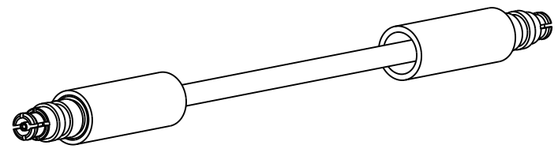
NOTES:

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

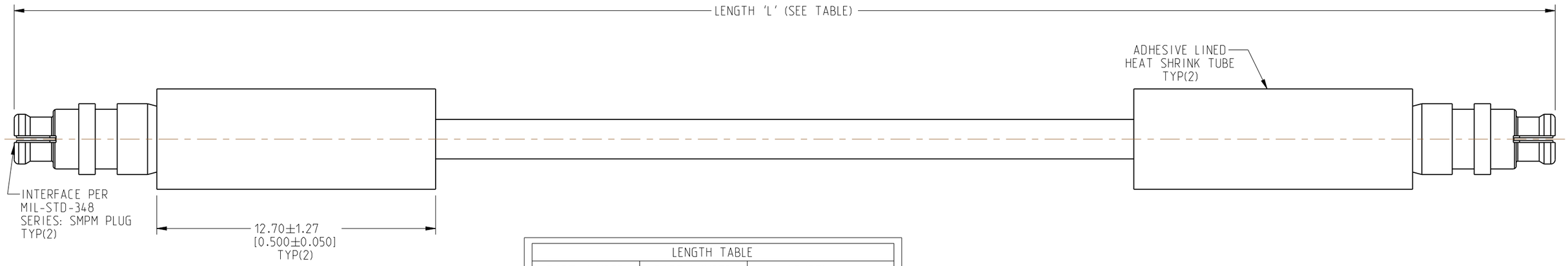
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 95-725-136-XXX AND DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	PROTOTYPE RELEASE	27-MAY-25	17446	RS



SCALE 2.000



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METER]
-	95-725-136M010	3.94 [0.100]
95-725-136-006	-	6.00 [0.152]
-	95-725-136M025	9.84 [0.250]
95-725-136-012	-	12.00 [0.305]
-	95-725-136M040	15.75 [0.400]
95-725-136-018	-	18.00 [0.457]
-	95-725-136M050	19.69 [0.500]
95-725-136-024	-	24.00 [0.610]
95-725-136-036	-	36.00 [0.914]
-	95-725-136M100	39.37 [1.000]
95-725-136-048	-	48.00 [1.219]
-	95-725-136M200	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# 12418

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

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

ENGR.1	ENGR.2	DATE
SIBI R		12-APR-24

SHEET NO. 2 OF 2 | SCALE: 5.7:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	95-725-136-XXX	A
	ITEM NO. 95-725-136-XXX	
	PART NO. 95-725-136-XXX	