NOTES:

1. MATERIALS AND FINISHES:
   SMPM RA PLUG
   BODY - BeCu & BRASS, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATORS - PTFE & ULTEM 1000, NATURAL

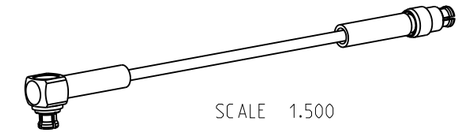
   SMPM STR PLUG
   BODY - BeCu & BRASS, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATOR - PTFE, NATURAL

   CABLE - TEMP-FLEX .047"

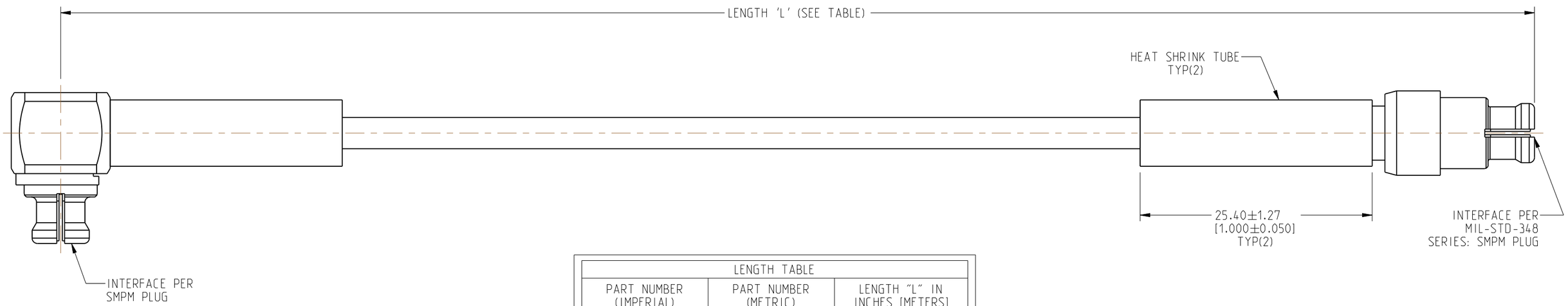
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95-725-131-XXX AND DATE CODE"
      SEE TABLE

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	26-FEB-25	17354	SH



SCALE 1.500



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH "L" IN INCHES [METERS]
95-725-131-003	-	3.00 [0.076]
-	95-725-131M010	3.94 [0.100]
95-725-131-004	-	4.00 [0.102]
95-725-131-005	-	5.00 [0.127]
95-725-131-006	-	6.00 [0.152]
95-725-131-007	-	7.00 [0.178]
95-725-131-008	-	8.00 [0.203]
95-725-131-009	-	9.00 [0.229]
-	95-725-131M025	9.84 [0.250]
95-725-131-010	-	10.00 [0.254]
95-725-131-011	-	11.00 [0.279]
95-725-131-012	-	12.00 [0.305]
95-725-131-018	-	18.00 [0.457]
-	95-725-131M050	19.69 [0.500]
95-725-131-024	-	24.00 [0.610]
-	95-725-131M075	29.53 [0.750]
95-725-131-036	-	36.00 [0.914]
-	95-725-131M100	39.37 [1.000]
95-725-131-048	-	48.00 [1.219]
-	95-725-131M200	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 - 18 GHz
- [X] VSWR: 1.30 MAX. @ DC - 10 GHz
  1.50 MAX. @ 10 - 18 GHz
- [ ] INS. LOSS: ____ dB MAX.
- [X] CONTINUITY
- [X] HI-POT: 250 VRMS
- [ ] OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE

EAR# 10817

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: CLEMENT
ENGR.2: M.ZHANG
DATE: 28-Aug-24

TITLE: SMPM RA PLUG TO SMPM STR PLUG USING TEMP-FLEX .047" CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2
SCALE: 6.8:1.0

Amphenol RF

SIZE: B
DRAWING NO. 95-725-131-XXX
ITEM NO. 95-725-131-XXX
PART NO. 95-725-131-XXX
REV: A