NOTES:

1. MATERIALS AND FINISHES:
   SMPM RA PLUG
   CAP - BRASS, NICKEL PLATING
   BODY - BRASS , GOLD PLATING
   CONTACT AND OUTER CONTACT - BeCu, GOLD PLATING
   INSULATOR - PTFE, NATURAL
   INSULATOR DISC - ULTEM 1000, NATURAL

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

   CABLE - WD255

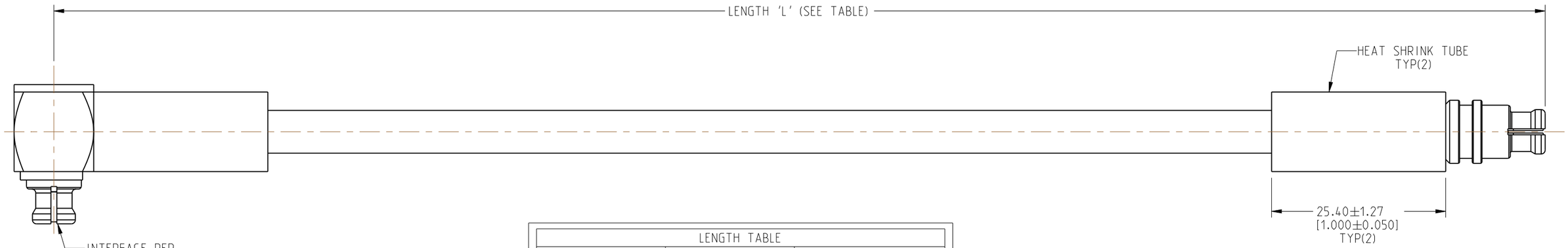
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95-725-128-XXX AND DATE CODE"
      SEE TABLE

REVISIONS

REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	02-NOV-22	16453	SH
B	CHANGE THE CABLE	11-JAN-24	16888	SH

SCALE 1.000



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [MM]
95-725-128-003	-	3.00 [76.00]
-	95-725-128M010	3.94 [100.00]
95-725-128-004	-	4.00 [102.00]
95-725-128-005	-	5.00 [127.00]
95-725-128-006	-	6.00 [152.00]
95-725-128-007	-	7.00 [178.00]
95-725-128-008	-	8.00 [203.00]
95-725-128-009	-	9.00 [229.00]
-	95-725-128M025	9.84 [250.00]
95-725-128-010	-	10.00 [254.00]
95-725-128-011	-	11.00 [279.00]
95-725-128-012	-	12.00 [305.00]
95-725-128-018	-	18.00 [457.00]
-	95-725-128M050	19.69 [500.00]
95-725-128-024	-	24.00 [610.00]
-	95-725-128M075	29.53 [750.00]
95-725-128-036	-	36.00 [914.00]
-	95-725-128M100	39.37 [1000.00]
95-725-128-048	-	48.00 [1219.00]
-	95-725-128M200	78.74 [2000.00]

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] CONTINUITY
- [X] VSWR: 1.30 MAX. @ DC - 10 GHz
  1.50 MAX. @ 10 - 18 GHz
- [X] HI-POT: 250 VRMS
- [ ] INS. LOSS: ____ dB MAX.
- [ ] OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE

EAR# 10814

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: VIJAY N M
ENGR.2: M.ZHANG
DATE: 13-JUN-23

TITLE: SMPM RA PLUG TO SMPM STR PLUG USING WD255 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2
SCALE: 5.0:1.0

Amphenol RF

SIZE: B
DRAWING NO. 95-725-128-XXX
ITEM NO. 95-725-128-XXX
PART NO. 95-725-128-XXX
REV: B

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