

NOTES:

1. MATERIALS AND FINISHES:

SMPM STR PLUG  
 BODY - BeCu, GOLD PLATING  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR - PTFE, NATURAL  
 CABLE - TFLX 405

2. ELECTRICAL:

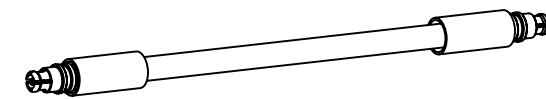
A. IMPEDANCE: 50 OHM

3. PACKAGING:

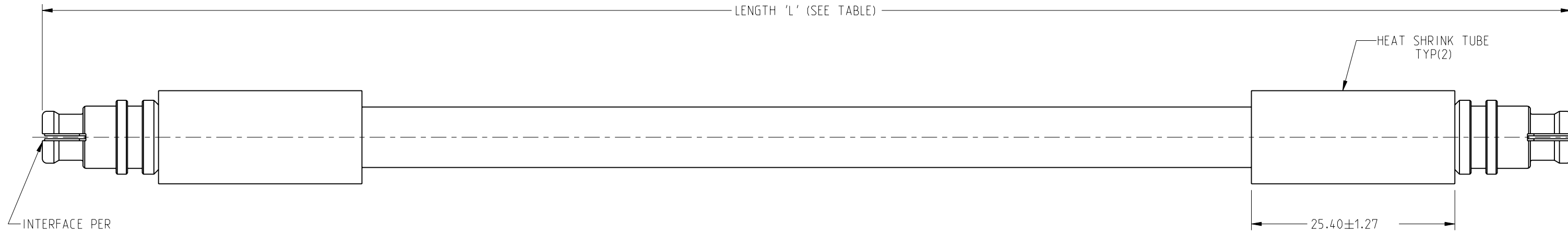
A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 95-725-127-XXX AND DATE CODE"

SEE TABLE

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	15-SEP-22	16392	SH



SCALE 1.200



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [MM]
95-725-127-003	-	3.00 [76.00]
-	95-725-127M010	3.94 [100.00]
95-725-127-004	-	4.00 [102.00]
95-725-127-005	-	5.00 [127.00]
95-725-127-006	-	6.00 [152.00]
95-725-127-007	-	7.00 [178.00]
95-725-127-008	-	8.00 [203.00]
95-725-127-009	-	9.00 [229.00]
-	95-725-127M025	9.84 [250.00]
95-725-127-010	-	10.00 [254.00]
95-725-127-011	-	11.00 [279.00]
95-725-127-012	-	12.00 [305.00]
95-725-127-018	-	18.00 [457.00]
-	95-725-127M050	19.69 [500.00]
95-725-127-024	-	24.00 [610.00]
-	95-725-127M075	29.53 [750.00]
95-725-127-036	-	36.00 [914.00]
-	95-725-127M100	39.37 [1000.00]
95-725-127-048	-	48.00 [1219.00]
-	95-725-127M200	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:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> FREQUENCY: DC - 18 GHz                                   | <input checked="" type="checkbox"/> CONTINUITY       |
| <input checked="" type="checkbox"/> VSWR: 1.30 MAX. @ DC - 10 GHz<br>1.50 MAX. @ 10 - 18 GHz | <input checked="" type="checkbox"/> HI-POT: 250 VRMS |
| <input type="checkbox"/> INS. LOSS: _____ dB MAX.  | <input type="checkbox"/> 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.			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]			MATERIAL SEE NOTES			TITLE SMPM STR PLUG TO SMPM STR PLUG USING TFLX 405 CABLE VARIOUS LENGTH			<b>Amphenol RF</b>		
THIRD ANGLE PROJ.  REFERENCE EAR# 10813			ANGLES = ±1°			ENGR.1 SASI D ENGR.2 M.ZHANG DATE 31-AUG-22			SHEET NO. 2 OF 2 SCALE: 5.8:1.0			SIZE B DRAWING NO. 95-725-127-XXX ITEM NO. 95-725-127-XXX PART NO. 95-725-127-XXX REV A		