

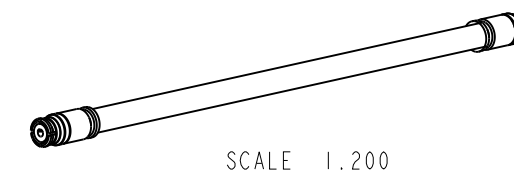
NOTES:

1. MATERIALS AND FINISHES:
 SMP STR PLUG - BeCu, GOLD PLATING
 CABLE - 0.085" CONFORMABLE
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM, NOMINAL
3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 95-725-108-XXX AND DATE CODE"

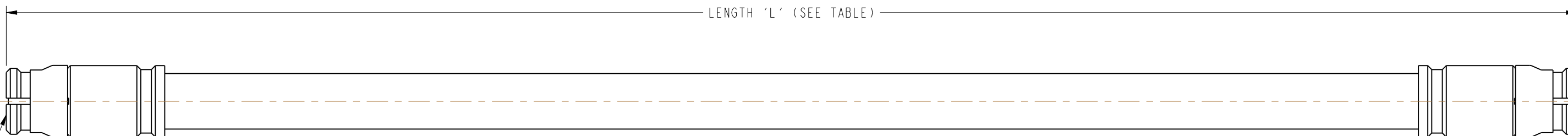
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22-Oct-14	50205	NR/BCG
B	FREQUENCY 20 WAS 26.5 GHz, VSWR UPDATED, 48.00" & METERIC LENGTHS ADDED	14-Oct-16	2145	VK
C	METRIC PART NUMBER UPDATED	28-Feb-17	3143	VK



LENGTH 'L' (SEE TABLE)



INTERFACE PER MIL-STD-348
 SERIES: SMP PLUG
 TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-725-108-030	-	3.00 [0.076]
95-725-108-040	-	4.00 [0.102]
95-725-108-050	-	5.00 [0.127]
95-725-108-060	-	6.00 [0.152]
95-725-108-070	-	7.00 [0.178]
95-725-108-080	-	8.00 [0.203]
95-725-108-090	-	9.00 [0.229]
-	95-725-108M025	9.84 [0.250]
95-725-108-100	-	10.00 [0.254]
95-725-108-110	-	11.00 [0.279]
95-725-108-120	-	12.00 [0.305]
95-725-108-180	-	18.00 [0.457]
-	95-725-108M050	39.37 [1.000]
95-725-108-240	-	24.00 [0.610]
-	95-725-108M075	29.53 [0.750]
95-725-108-360	-	36.00 [0.914]
-	95-725-108M100	39.37 [1.000]
95-725-108-480	-	48.00 [1.219]
-	95-725-108M200	78.74 [2.000]
-	95-725-108M400	157.48 [4.000]

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:

- | | |
|--|---|
| <input checked="" type="checkbox"/> FREQUENCY : DC TO 20 GHz | <input checked="" type="checkbox"/> CONTINUITY |
| <input checked="" type="checkbox"/> VSWR : 1.25 MAX. [DC-6 GHz]
1.50 MAX. [6-12.5 GHz]
1.75 MAX. [12.5-20 GHz] | <input checked="" type="checkbox"/> HI-POT : 500 VRMS |
| <input type="checkbox"/> INS. LOSS : ---- dB MAX | <input type="checkbox"/> OTHER |

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°	MATERIAL	DRAWN	DATE	TITLE SMP STR PLUG TO SMP STR PLUG USING, 0.085" CONFORMABLE CABLE, VARIOUS LENGTH SCALE: 5.0:1.0 SHEET 2 OF 2		Amphenol RF www.amphenolrf.com	
	SEE NOTES	RAJAGOPAL N	24-Sep-14				
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.	REFERENCE	ENGINEER	DATE	DRAWING NO. 95-725-108-XXX ITEM NO. 95-725-108-XXX		PART NO. 95-725-108-XXX	
	EAR # 6454	RAJAGOPAL N	24-Sep-14				
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE B		REV C
FINISH	K. CAPOZZI	28-Feb-17					

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[095-725-108M050](#) [095-725-108M025](#) [095-725-108M400](#) [095-725-108M075](#) [095-725-108M100](#) [095-725-108M200](#)