



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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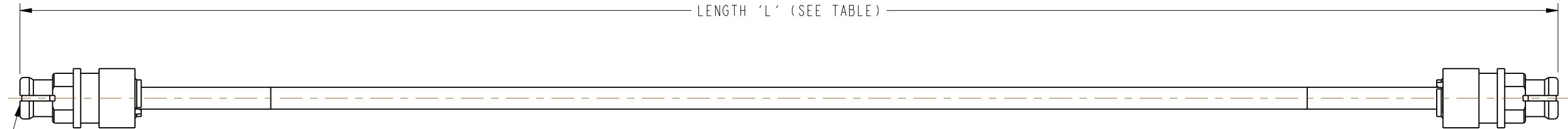
NOTES:

1. MATERIALS AND FINISHES:
 SMPM STR PLUG - BeCu, GOLD PLATING
 CABLE - 0.047 SEMI-RIGID CONFORMABLE
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 95-725-112-XXX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECO | APPR |
|-----|---|-----------|------|------|
| A | RELEASE TO MFG. | 20-Mar-17 | 3344 | BMG |
| B | SHEET 1 CHANGE | 06-Apr-17 | 3506 | BMG |
| C | FREQUENCY AND VSWR REQUIREMENTS UPDATED | 19-Mar-18 | 7383 | BMG |



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

| LENGTH TABLE | | |
|------------------------|----------------------|---|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH AND TOLERANCE 'L' IN INCHES [METERS] |
| 95-725-112-030 | - | 3.00 [0.076] |
| - | 95-725-112M010 | 3.94 [0.100] |
| 95-725-112-040 | - | 4.00 [0.102] |
| 95-725-112-050 | - | 5.00 [0.127] |
| 95-725-112-060 | - | 6.00 [0.152] |
| 95-725-112-070 | - | 7.00 [0.178] |
| 95-725-112-080 | - | 8.00 [0.203] |
| 95-725-112-090 | - | 9.00 [0.229] |
| - | 95-725-112M025 | 9.84 [0.250] |
| 95-725-112-100 | - | 10.00 [0.254] |
| 95-725-112-110 | - | 11.00 [0.279] |
| 95-725-112-120 | - | 12.00 [0.305] |
| 95-725-112-180 | - | 18.00 [0.457] |
| - | 95-725-112M050 | 19.69 [0.500] |
| 95-725-112-240 | - | 24.00 [0.610] |
| - | 95-725-112M075 | 29.53 [0.750] |
| 95-725-112-360 | - | 36.00 [0.914] |
| - | 95-725-112M100 | 39.37 [1.000] |
| 95-725-112-480 | - | 48.00 [1.219] |
| - | 95-725-112M200 | 78.74 [2.000] |

| 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 18 GHz | <input checked="" type="checkbox"/> CONTINUITY |
| <input checked="" type="checkbox"/> VSWR : 1.25 MAX. [DC-18.0 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 METRIC AND TOLERANCES ARE: <0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1° | MATERIAL | DRAWN | DATE | TITLE | Amphenol RF www.amphenolrf.com |
| | REFERENCE | ENGINEER | DATE | SMPM STR PLUG TO SMPM STR PLUG USING 0.047 SEMI-RIGID CONFORMABLE CABLE, VARIOUS LENGTH SCALE: 4.0:1.0 SHEET 2 OF 2 | |
| 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. | EAR# EAR # 7428 | APPROVED | DATE | | DWG SIZE |
| | REF: -- | K. CAPOZZI | 19-Mar-18 | B | C |
| | CONFIGURATION LEVEL: In Work | CAD FILE | | | |
| | FINISH | | | | |
| | | | | | DRAWING NO. 95-725-112-XXX |
| | | | | | ITEM NO. 95-725-112-XXX |
| | | | | | PART NO. 95-725-112-XXX |