

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	VIJI K	06-Apr-17	SMPM STR PLUG TO SMPM STR PLUG USING 0.047 SEMI-RIGID CONFORMABLE CABLE, VARIOUS LENGTH	
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	REF: --	VIJI K	06-Apr-17		ITEM NO. 95-725-112-XXX
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		PART NO. 95-725-112-XXX
	FINISH	K. CAPOZZI	19-Mar-18		
		CAD FILE		DWG SIZE B	REV C