

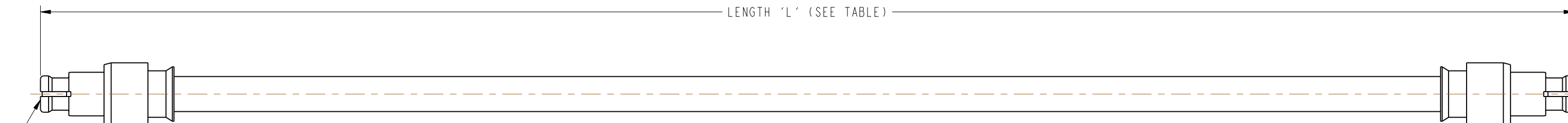
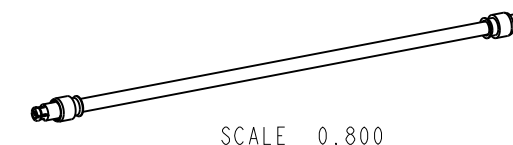
NOTES:

1. MATERIALS AND FINISHES:
 SMPM STR PLUG - BeCu, GOLD PLATING
 CABLE - 0.085 SEMI-RIGID CONFORMABLE
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 95-725-111-XXX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	20-Mar-17	3344	BMG
B	FREQUENCY AND VSWR REQUIREMENTS UPDATED	19-Mar-18	7383	BMG
C	UPDATED CONNECTOR DESIGN AND VSWR REQUIREMENTS	13-Jun-19	11841	EH



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]
95-725-111-030	-	3.00 [0.076]
-	95-725-111-M010	3.94 [0.100]
95-725-111-040	-	4.00 [0.102]
95-725-111-050	-	5.00 [0.127]
95-725-111-060	-	6.00 [0.152]
95-725-111-070	-	7.00 [0.178]
95-725-111-080	-	8.00 [0.203]
95-725-111-090	-	9.00 [0.229]
-	95-725-111-M025	9.84 [0.250]
95-725-111-100	-	10.00 [0.254]
95-725-111-110	-	11.00 [0.279]
95-725-111-120	-	12.00 [0.305]
95-725-111-180	-	18.00 [0.457]
-	95-725-111-M050	19.69 [0.500]
95-725-111-240	-	24.00 [0.610]
-	95-725-111-M075	29.53 [0.750]
95-725-111-360	-	36.00 [0.914]
-	95-725-111-M100	39.37 [1.000]
95-725-111-480	-	48.00 [1.219]
-	95-725-111-M200	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 : 1.30 MAX @ DC-10 GHz
1.50 MAX @ 10-18 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 SMPM STR PLUG TO SMPM STR PLUG, USING 0.085 SEMI-RIGID CONFORMABLE CABLE, VARIOUS LENGTH SCALE: 4.0:1.0 SHEET 2 OF 2		Amphenol RF www.amphenolrf.com
	SEE NOTES	ANANDH G	29-Sep-16			
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	EAR # 7428	ANANDH G	29-Sep-16	B		
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		PART NO.95-725-111-XXX	
FINISH	K. CAPOZZI	13-Jun-19		ITEM NO.95-725-111-XXX		