

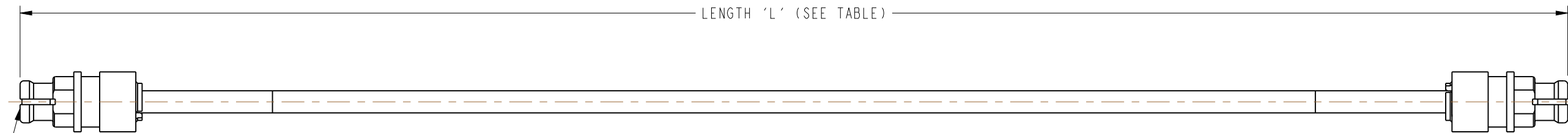
NOTES:

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  |



| 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:<br><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<br>www.amphenolrf.com<br>DRAWING NO. 95-725-112-XXX<br>ITEM NO. 95-725-112-XXX<br>PART NO. 95-725-112-XXX |
|  | REFERENCE       | ENGINEER | DATE       | SMPM STR PLUG TO SMPM STR PLUG USING 0.047 SEMI-RIGID CONFORMABLE CABLE, VARIOUS LENGTH<br>SCALE: 4.0:1.0 SHEET 2 OF 2 |   |
|  | EAR# EAR # 7428 | VIJI K   | 06-Apr-17  |  |   |
|  | REF: --         | APPROVED | K. CAPOZZI | 19-Mar-18  |   |
| CONFIGURATION LEVEL: In Work   | FINISH          | CAD FILE | REV C      |  |   |