NOTES:

1. MATERIALS AND FINISHES:
   SMPM STR PLUG - BeCu, GOLD PLATING
   CABLE - 0.047 SEMI-RIGID CONFORMABLE

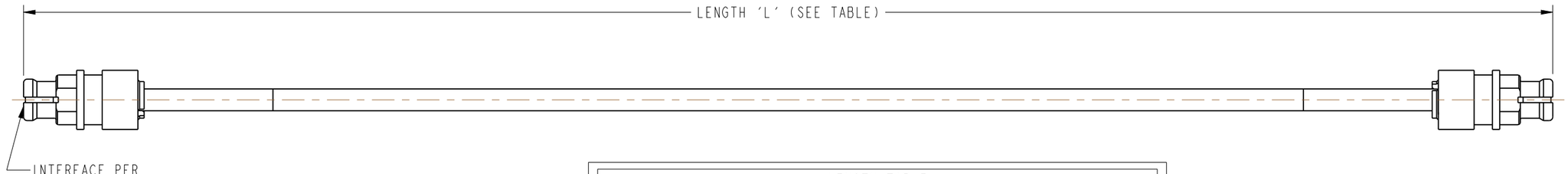
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

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 |

SCALE 0.800




| 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:

- [X] FREQUENCY : DC TO 18 GHz
- [X] VSWR : 1.25 MAX. [DC-18.0 GHz]
- [ ] INS. LOSS: ____ dB MAX
- [X] CONTINUITY
- [X] HI-POT : 500 VRMS
- [ ] OTHER

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

| <0.5mm | 0.5 - 6mm | 6 - 30mm | 30 - 120mm | ANGLES |
|---|---|---|---|---|
| ± 0.05mm | ±0.1mm | ±0.2mm | ± 0.3mm | ±1° |

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MATERIAL
-

REFERENCE
EAR# EAR # 7428
REF: --

CONFIGURATION LEVEL: In Work

FINISH

| | |
|---|---|
| DRAWN | DATE |
| VIJI K | 06-Apr-17 |
| ENGINEER | DATE |
| VIJI K | 06-Apr-17 |
| APPROVED | DATE |
| K. CAPOZZI | 19-Mar-18 |
| CAD FILE | |

TITLE
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

| DWG SIZE | REV |
|---|---|
| B | C |

Amphenol RF
www.amphenolrf.com

DRAWING NO. 95-725-112-XXX
ITEM NO. 95-725-112-XXX
PART NO. 95-725-112-XXX