

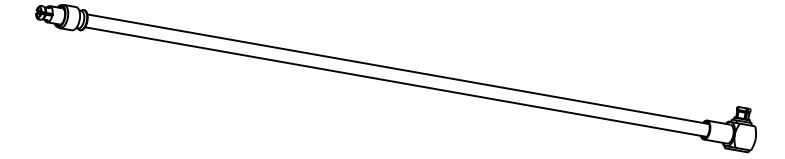
NOTES:

1. MATERIALS AND FINISHES:  
 SMPM STR PLUG - BeCu, GOLD PLATING  
 SMPM R/A PLUG - BeCu, GOLD PLATING  
 CABLE - 0.085 SEMI-RIGID CONFORMABLE
2. ELECTRICAL:  
 IMPEDANCE: 50 OHM
3. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 95-725-114-XXX AND DATE CODE"

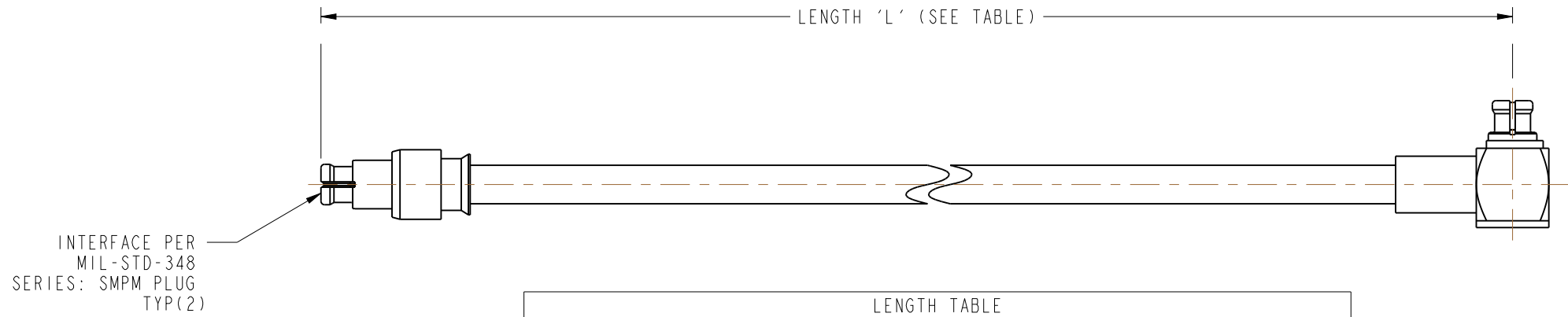
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION     | DATE      | ECN   | APPR |
|-----|-----------------|-----------|-------|------|
| A   | RELEASE TO MFG. | 15-Aug-19 | 12601 | EH   |



SCALE 0.800



| LENGTH TABLE           |                      |   |                |
|------------------------|----------------------|---|----------------|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH AND TOLERANCE 'L' IN INCHES [METERS] | LENGTH IN FEET |
| 95-725-114-030         | -                    | 3.00 ± 0.25 [0.076 ± 0.006]                 | 0.250          |
| -                      | 95-725-114M010       | 3.94 ± 0.25 [0.100 ± 0.006]                 | 0.328          |
| 95-725-114-040         | -                    | 4.00 ± 0.25 [0.102 ± 0.006]                 | 0.333          |
| 95-725-114-050         | -                    | 5.00 ± 0.25 [0.127 ± 0.006]                 | 0.417          |
| 95-725-114-060         | -                    | 6.00 ± 0.25 [0.152 ± 0.006]                 | 0.500          |
| 95-725-114-070         | -                    | 7.00 ± 0.25 [0.178 ± 0.006]                 | 0.583          |
| 95-725-114-080         | -                    | 8.00 ± 0.25 [0.203 ± 0.006]                 | 0.687          |
| 95-725-114-090         | -                    | 9.00 ± 0.25 [0.229 ± 0.006]                 | 0.771          |
| -                      | 95-725-114M025       | 9.84 ± 0.25 [0.250 ± 0.006]                 | 0.820          |
| 95-725-114-100         | -                    | 10.00 ± 0.25 [0.254 ± 0.006]                | 0.854          |
| 95-725-114-110         | -                    | 11.00 ± 0.25 [0.279 ± 0.006]                | 0.937          |
| 95-725-114-120         | -                    | 12.00 ± 0.25 [0.305 ± 0.006]                | 1.000          |
| 95-725-114-180         | -                    | 18.00 ± 0.25 [0.457 ± 0.006]                | 1.500          |
| -                      | 95-725-114M050       | 19.69 ± 0.25 [0.500 ± 0.006]                | 1.641          |
| 95-725-114-240         | -                    | 24.00 ± 0.50 [0.610 ± 0.013]                | 2.000          |
| -                      | 95-725-114M075       | 29.53 ± 0.50 [0.750 ± 0.013]                | 2.461          |
| 95-725-114-360         | -                    | 36.00 ± 0.50 [0.914 ± 0.013]                | 3.000          |
| -                      | 95-725-114M100       | 39.37 ± 0.50 [1.000 ± 0.013]                | 3.281          |
| 95-725-114-480         | -                    | 48.00 ± 0.50 [1.219 ± 0.013]                | 4.000          |
| -                      | 95-725-114M200       | 78.74 ± 1.97 [2.000 ± 0.050]                | 6.562          |

| 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<br>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                       |

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°

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|   |
|---|
| MATERIAL NOTE 1                         |
| REFERENCE EAR# 8504 REF: 95-725-111-XXX |
| CONFIGURATION LEVEL: In Work            |
| FINISH                                  |

|                     |                |
|---------------------|----------------|
| DRAWN E. HILL       | DATE 23-Jul-18 |
| ENGINEER E. HILL    | DATE 23-Jul-18 |
| APPROVED K. CAPOZZI | DATE 15-Aug-19 |
| CAD FILE            |                |

|   |
|---|
| TITLE SMPM STR PLUG TO SMPM R/A PLUG, USING 0.085 CONFORMABLE CABLE, VARIOUS LENGTH |
| SCALE: 3.0:1.0 SHEET 2 OF 2   |
| DWG SIZE B  |
| REV A   |

|                                   |
|-----------------------------------|
| Amphenol RF<br>www.amphenolrf.com |
| DRAWING NO. 95-725-114-XXX        |
| ITEM NO. 95-725-114-XXX           |
| PART NO. 95-725-114-XXX           |

**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

# Mouser Electronics

Authorized Distributor

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## Amphenol:

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