

NOTES:

1. MATERIALS AND FINISHES:

SMA STR PLUG - P/N: 132144
 CABLE - RG-316/U COAXIAL CABLE

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

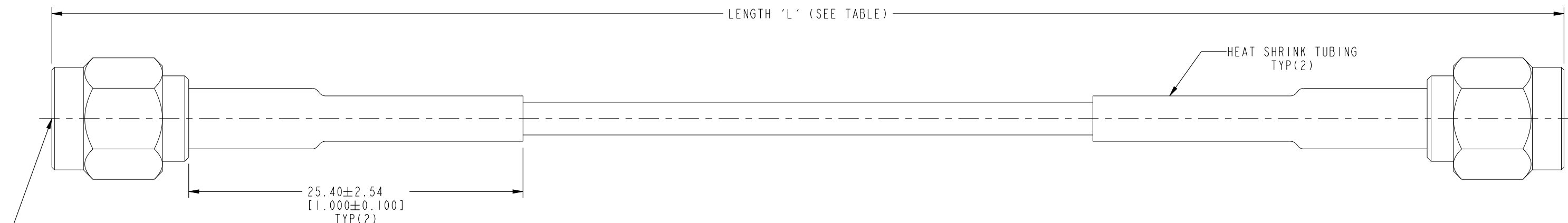
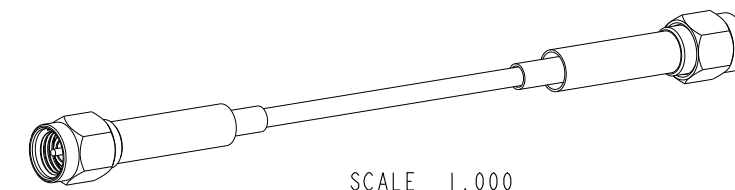
3. PACKAGING:

A. QUANTITY: SINGLE PACK
 B. BAG TO BE MARKED: AMPHENOL RF, 135101-01-XX.XX, AND DATE CODE

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECN | APPR |
|-----|--------------------------------------|-----------|-------|------|
| NC | INITIAL RELEASE | 03-Feb-09 | -- | -- |
| C | SYNC, UPDATED DRAWING FORMAT\N/A | 12-Aug-16 | 01541 | SH |
| D | 60.00", 72.00" & M2.00 LENGTHS ADDED | 13-Dec-18 | 9961 | VR |



| DRAWING NO. | PART NO. (IMPERIAL) | PART NO. (METRIC) | 'L' METERS [INCHES] |
|-------------------------|---------------------|-------------------|---------------------------|
| SMAM-316U-SMAM002-16-02 | - | 135101-01-M0.10 | 0.100±0.006 [3.94±0.250] |
| SMAM-316U-SMAM002-16-03 | 135101-01-06.00 | - | 0.152±0.006 [6.00±0.250] |
| SMAM-316U-SMAM002-16-04 | - | 135101-01-M0.25 | 0.250±0.006 [9.84±0.250] |
| SMAM-316U-SMAM002-16-05 | 135101-01-12.00 | - | 0.305±0.006 [12.00±0.250] |
| SMAM-316U-SMAM002-16-01 | 135101-01-18.00 | - | 0.457±0.006 [18.00±0.250] |
| SMAM-316U-SMAM002-16-06 | - | 135101-01-M0.50 | 0.500±0.006 [19.69±0.250] |
| SMAM-316U-SMAM002-16-07 | 135101-01-24.00 | - | 0.610±0.013 [24.00±0.500] |
| SMAM-316U-SMAM002-16-08 | - | 135101-01-M0.75 | 0.750±0.013 [29.53±0.500] |
| SMAM-316U-SMAM002-16-09 | 135101-01-36.00 | - | 0.914±0.013 [36.00±0.500] |
| SMAM-316U-SMAM002-16-10 | - | 135101-01-M1.00 | 1.000±0.013 [39.37±0.500] |
| SMAM-316U-SMAM002-16-11 | 135101-01-48.00 | - | 1.219±0.013 [48.00±0.500] |
| SMAM-316U-SMAM002-16-12 | 135101-01-60.00 | - | 1.524±0.038 [60.00±1.500] |
| SMAM-316U-SMAM002-16-13 | 135101-01-72.00 | - | 1.829±0.046 [72.00±1.800] |
| SMAM-316U-SMAM002-16-14 | - | 135101-01-M2.00 | 2.000±0.050 [78.74±1.970] |

DESIGN REQUIREMENTS:

- | | |
|---|--|
| <input checked="" type="checkbox"/> FREQUENCY: DC - 3 GHz | <input checked="" type="checkbox"/> CONTINUITY |
| <input type="checkbox"/> VSWR: ----1 MAX. | <input checked="" type="checkbox"/> HI-POT: 500 VRMS |
| <input type="checkbox"/> INS. LOSS: ----dBMAX. | <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°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

| | |
|----------------------|-----------|
| MATERIAL | SEE NOTES |
| REFERENCE | EAR# 7297 |
| REF: | |
| CONFIGURATION LEVEL: | In Work |
| FINISH | |

| | | | |
|----------|------------|------|-----------|
| DRAWN | M. ZHANG | DATE | 09-Jul-16 |
| ENGINEER | KARTHIK R | DATE | 08-Jul-16 |
| APPROVED | K. CAPOZZI | DATE | 13-Dec-18 |
| CAD FILE | | | |

| | |
|----------|--|
| TITLE | SMA STR PLUG TO SMA STR PLUG USING COAXIAL RG-316/U CABLE VARIOUS LENGTHS |
| SCALE: | 3.3:1.0 SHEET 2 OF 2 |
| DWG SIZE | B |
| REV | D |

| | |
|--------------------|-------------------------|
| Amphenol RF | |
| www.amphenolrf.com | |
| DRAWING NO. | SMAM-316U-SMAM002-16-XX |
| ITEM NO. | 11M3611M00216XX |
| PART NO. | 135101-01-XX.XX |