NOTES:

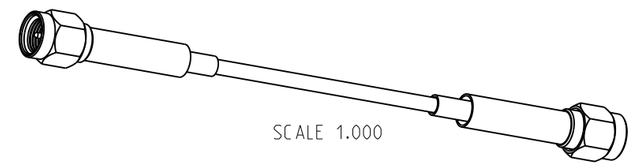
1. MATERIALS AND FINISHES:
   SMA STR PLUG - P/N: 132144
   CABLE - RG-316/U COAXIAL CABLE

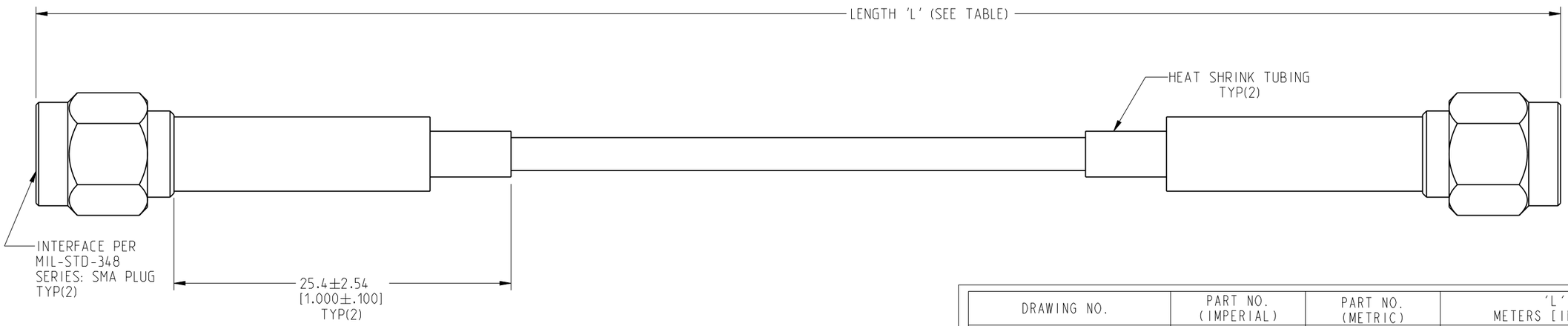
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

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

REVISIONS

REV	DESCRIPTION	DATE	ECN	BY
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
E	LENGTH M3.00 ADDED	26-JAN-24	16905	KHL





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]
SMAM-316U-SMAM002-16-15	-	135101-01-M3.00	3.000±0.075 [118.11±2.953]

DESIGN REQUIREMENTS

X	FREQUENCY:	DC TO 3 GHz	X	CONTINUITY	
	VSWR:	---- :1 MAX	X	HI-POT:	500 VRMS
	INS. LOSS:	---- dB MAX		OTHER	

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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.

THIRD ANGLE PROJ.

REFERENCE

EAR# 7297

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
<0.5mm = ±0.05mm [<0.020 = ±0.002]
0.5 - 6mm = ±0.1mm [>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm [>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm [>1.181 - 4.725 = ±0.012]
ANGLES = ±1°

MATERIAL ----

ENGR.1 KARTHIK R.

ENGR.2 M. ZHANG

DATE 03-FEB-09

TITLE
SMA STR PLUG TO
SMA STR PLUG COAX
RG-316/U VAR. LENGTHS

SHEET NO. 2 OF 2

3.0:1.0

Amphenol RF

SIZE B

DRAWING NO. SMAM-316U-SMAM002-16-XX

ITEM NO. 11M3611M00216XX

PART NO. 135101-01-XX.XX

REV E