

NOTES:

1. MATERIALS AND FINISHES:

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

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

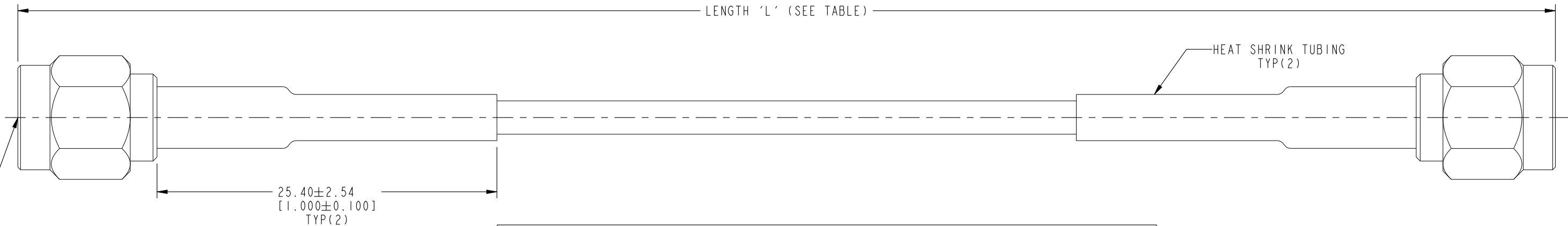
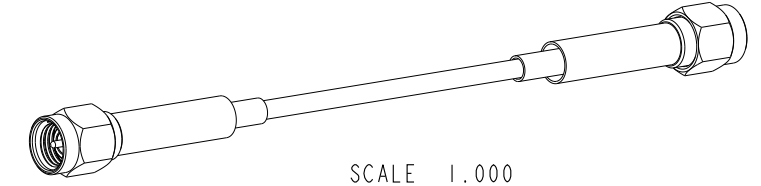
3. PACKAGING:

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



INTERFACE PER MIL-STD-348 SERIES: SMA PLUG TYP(2)

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 |

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	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

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY