

NOTES:

1. MATERIALS AND FINISHES:
SMA STR PLUG - P/N: 132113
BNC STR JACK - P/N: 112116
CABLE - RG 58/U COAXIAL

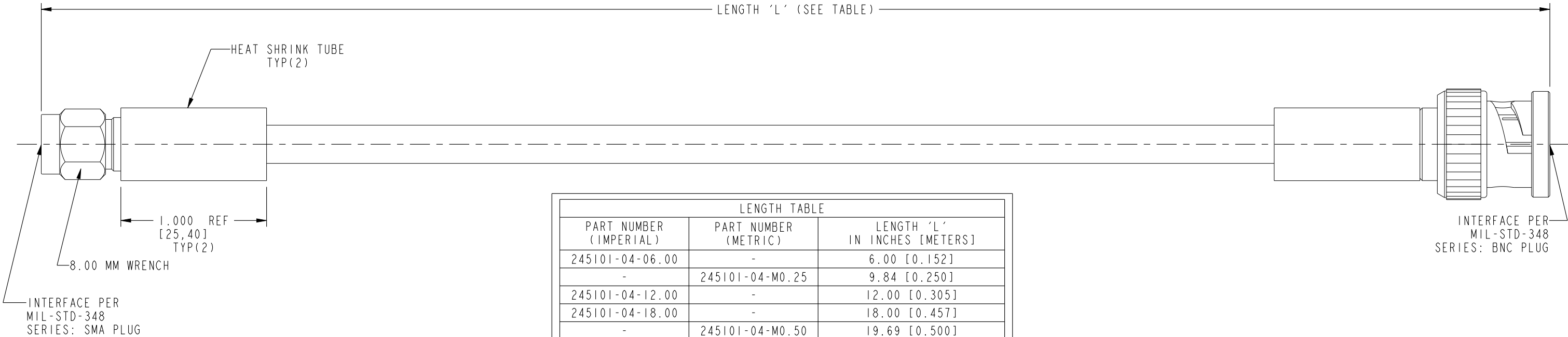
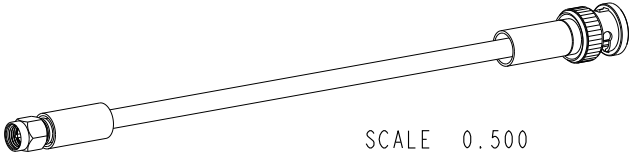
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 245101-04-XX-XX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	09-Jun-10	--	CL
B	COD SHEET ADDED	27-Mar-14	2715	CL/BCG
C	FORMAT UPDATED & 60.00", 84.00", 96.00", 120.00" M1.50, M2.00, M3.00 LENGTHS ADDED	25-Jun-19	12023	SK
D	144.00" & M4.00 LENGTHS ADDED	14-Aug-19	12592	VK



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
245101-04-06.00	-	6.00 [0.152]
-	245101-04-M0.25	9.84 [0.250]
245101-04-12.00	-	12.00 [0.305]
245101-04-18.00	-	18.00 [0.457]
-	245101-04-M0.50	19.69 [0.500]
245101-04-24.00	-	24.00 [0.610]
-	245101-04-M0.75	29.53 [0.750]
245101-04-36.00	-	36.00 [0.914]
-	245101-04-M1.00	39.37 [1.000]
245101-04-48.00	-	48.00 [1.219]
-	245101-04-M1.50	59.06 [1.500]
245101-04-60.00	-	60.00 [1.524]
-	245101-04-M2.00	78.74 [2.000]
245101-04-84.00	-	84.00 [2.134]
245101-04-96.00	-	96.00 [2.438]
-	245101-04-M3.00	118.11 [3.000]
245101-04-120.00	-	120.00 [3.048]
245101-04-144.00	-	144.00 [3.658]
-	245101-04-M4.00	157.48 [4.000]

INTERFACE PER
MIL-STD-348
SERIES: BNC PLUG

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:

☒ FREQUENCY: DC - 1 GHz

☒ CONTINUITY

☐ VSWR: ---- 1 MAX.

☒ HI-POT: 500 VRMS

☐ INS. LOSS: ---- dB MAX.

☐ OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 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	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	CLEMENT	09-Jun-10				
	REFERENCE	ENGINEER	DATE	SMA STR PLUG TO BNC STR PLUG USING RG 58/U COAXIAL CABLE VARIOUS LENGTH		DRAWING NO.245101-04-XX-XX	
	EAR #	CLEMENT	09-Jun-10			ITEM NO.245101-04-XX-XX	
	CONFIGURATION LEVEL: In Work	APPROVED	DATE	SCALE: 2.0:1.0	SHEET 2 OF 2	PART NO.245101-04-XX-XX	
	FINISH	K.CAPOZZI	14-Aug-19	DWG SIZE		REV	
		CAD FILE		B		D	

Mouser Electronics

Authorized Distributor

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[245101-04-60.00](#) [245101-04-M3.00](#) [245101-04-96.00](#) [245101-04-M1.50](#) [245101-04-120](#) [245101-04-84.00](#) [245101-04-M2.00](#)