

NOTES:

1. MATERIALS AND FINISHES:

SMA CRIMP PLUG - P/N: 132195
CABLE - RG-142 COAXIAL CABLE

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL

3. PACKAGING:

A. QUANTITY: SINGLE PACK
B. BAG TO BE MARKED: AMPHENOL RF, 135101-07-XX.XX, AND DATE CODE

135101-07-XX.XX

DRAWING NO.

THIRD ANGLE PROJ.



REV

DESCRIPTION

DATE

ECO

APPR

A

RELEASE TO MFG.

04-May-10

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CL

B

SEE SHEET 1

05-Jul-10

2070

KR

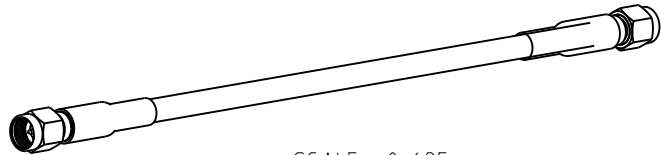
C

SEE SHEET 1

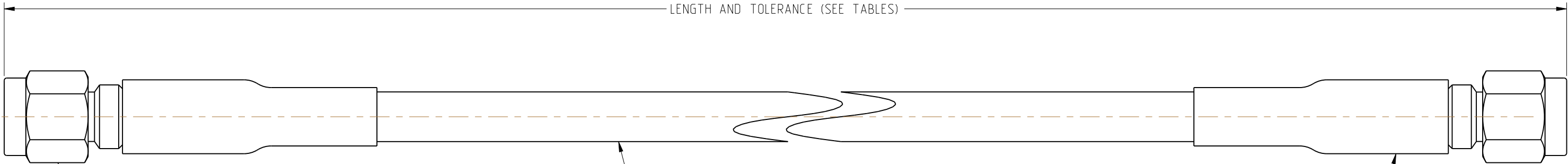
23-Mar-14

2710

RAK/BG



SCALE 0.625



LENGTH AND TOLERANCE (SEE TABLES)

RG-142 COAXIAL CABLE

SMA CRIMP PLUG
TYP. (2x)

HEAT SHRINK TUBING
TYP. (2x)

ORDERING INFORMATION

PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH IN INCHES * [METERS]
-	135101-07-M0.10	3.94 [0.100]
135101-07-06.00	-	6.00 [0.152]
-	135101-07-M0.25	9.84 [0.250]
135101-07-12.00	-	12.00 [0.305]
135101-07-18.00	-	18.00 [0.457]
-	135101-07-M0.50	19.69 [0.500]
135101-07-24.00	-	24.00 [0.610]
-	135101-07-M0.75	29.53 [0.750]
135101-07-36.00	-	36.00 [0.914]
-	135101-07-M1.00	39.37 [1.000]
135101-07-48.00	-	48.00 [1.219]
135101-07-60.00	-	60.00 [1.524]
135101-07-72.00	-	72.00 [1.828]

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 TO 12.4 GHz
- ☒ CONTINUITY
- ☐ VSWR _____ : 1 MAX
- ☒ HI-POT : 500 VRMS
- ☐ INS. LOSS _____ dB MAX
- ☐ OTHER

* ADDITIONAL LENGTHS CAN BE PROVIDED. CONTACT AMPHENOL RF MARKETING FOR QUOTE

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°			MATERIAL SEE NOTES		DRAWN ABHAYA KISHORE		DATE 06-Mar-14		TITLE SMA CRIMP PLUG TO SMA CRIMP PLUG USING, RG-142 COAXIAL CABLE, VARIOUS LENGTHS		Amphenol Connex			
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 or 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.		ENGINEER ABHAYA KISHORE			DATE 06-Mar-14									
		REFERENCE		APPROVED B.C. GLEISSNER		DATE 23-Mar-14		SCALE: 2.5:1 SHEET 2 OF 2						
							CAD FILE			DWG SIZE B		DRAWING NO. 135101-07-XX.XX		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

<u>135101-07-06.00</u>	<u>135101-07-12.00</u>	<u>135101-07-18.00</u>	<u>135101-07-24.00</u>	<u>135101-07-36.00</u>	<u>135101-07-48.00</u>
<u>135101-07-72.00</u>	<u>135101-07-M0.25</u>	<u>135101-07-M0.50</u>	<u>135101-07-M0.75</u>	<u>135101-07-M1.00</u>	<u>135101-07-60.00</u>
<u>135101-07-54.00</u>	<u>135101-07-102</u>				