

NOTES:

1. MATERIALS AND FINISHES:

BNC CRIMP PLUG - BRASS, NICKEL PLATING
 SMB RIGHT ANGLE CRIMP PLUG - BRASS, GOLD PLATING
 CABLE - RG 174

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

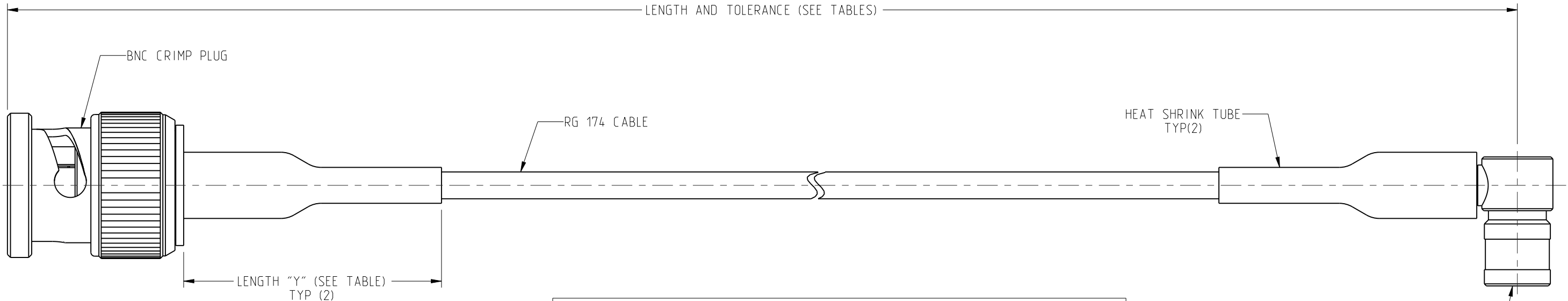
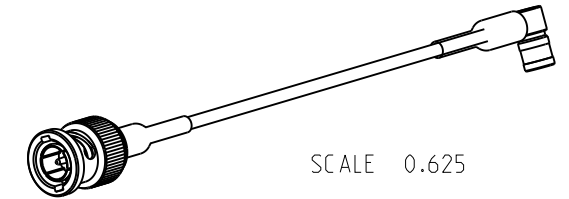
3. PACKAGING:

A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 245103-02-XX.XX AND DATE CODE".

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	11-Oct-10	--	KR
B	SEE SHEET 1	06-Sep-13	2508	MB/BCG
C	SEE SHEET 1	16-Apr-15	50473	NR
D	245103-02-48.00 RELEASED	26-Jan-18	6723	BMG



LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH XX.XX IN INCHES [METERS]	LENGTH 'Y' INCHES [METERS]
245103-02-06.00	-	6.00 [0.152]	0.75 [0.019]
-	245103-02-M025	9.84 [0.250]	0.75 [0.019]
245103-02-12.00	-	12.00 [0.305]	0.75 [0.019]
245103-02-18.00	-	18.00 [0.457]	0.75 [0.019]
-	245103-02-M050	19.69 [0.500]	2.00 [0.051]
245103-02-24.00	-	24.00 [0.610]	2.00 [0.051]
-	245103-02-M075	29.53 [0.750]	2.00 [0.051]
245103-02-36.00	-	36.00 [0.914]	2.00 [0.051]
-	245103-02-M100	39.37 [1.000]	2.00 [0.051]
245103-02-48.00	-	48.00 [1.219]	2.00 [0.051]
245103-02-72.00	-	72.00 [1.829]	2.00 [0.051]
-	245103-02-M200	78.74 [2.000]	2.00 [0.051]

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%

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

DESIGN REQUIREMENTS:

- | | |
|---|---|
| <input checked="" type="checkbox"/> FREQUENCY : DC TO 1 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 _____ dB MAX | <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	-	DRAWN	KARTHIK R	DATE	23-Jan-18	TITLE	BNC CRIMP PLUG TO SMB R/A CRIMP PLUG ON RG 174 CABLE VARIOUS LENGTHS	Amphenol RF www.amphenolrf.com DRAWING NO. 245103-02-XX.XX ITEM NO. 245103-02-XX.XX PART NO. 245103-02-XX.XX
REFERENCE	-	ENGINEER	KARTHIK R	DATE	23-Jan-18	SCALE: 2.5:1.0	SHEET 2 OF 2	
EAR# 6419	-	APPROVED	K. CAPOZZI	DATE	26-Jan-18	DWG SIZE	B	
REF:	-	CONFIGURATION LEVEL: In Work	-	FINISH	-	REV	D	