

NOTES:

1. MATERIALS AND FINISHES:
SMA STR BHD JACK - BRASS, GOLD PLATING
MMCX R/A PLUG - BRASS, GOLD PLATING
CABLE - RG 174, BLACK

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 245106-02-XX.XX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	06-Jun-11	--	KR
C	COD SHEET ADDED & TABLE UPDATED	16-Apr-15	50473	KR
D	NOTES, FORMAT UPDATED & 48.00" LENGTH ADDED	17-Oct-18	9421	PL

LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
245106-02-06.00	-	6.00 [0.152]	0.75 [0.019]
-	245106-02-M0.25	9.84 [0.250]	
245106-02-12.00	-	12.00 [0.305]	
245106-02-18.00	-	18.00 [0.457]	
-	245106-02-M0.50	19.69 [0.500]	1.50 [0.038]
245106-02-24.00	-	24.00 [0.610]	
-	245106-02-M0.75	29.53 [0.750]	
245106-02-36.00	-	36.00 [0.914]	
-	245106-02-M1.00	39.37 [1.000]	
245106-02-48.00	-	48.00 [1.219]	
-	245106-02-M2.00	78.74 [2.000]	

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: ____ MAX

☒ HI-POT: 500 VRMS

☐ INS. LOSS: ____ dB MAX

☐ OTHER

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	KARTHIK R	06-Jun-11				
		ENGINEER	DATE	SMA STR BHD JACK TO MMCX R/A PLUG USING RG 174 CABLE VARIOUS LENGTH		DRAWING NO.245106-02-XX-XX	
	REFERENCE EAR # 6419	KARTHIK R	06-Jun-11			ITEM NO.245106-02-XX-XX	
	CONFIGURATION LEVEL: In Work	APPROVED	DATE	SCALE: 2.5:1.0		SHEET	2 OF 2
	FINISH	K.CAPOZZI	17-Oct-18	DWG SIZE		REV	PART NO.245106-02-XX-XX
		CAD FILE	B		D		

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY