

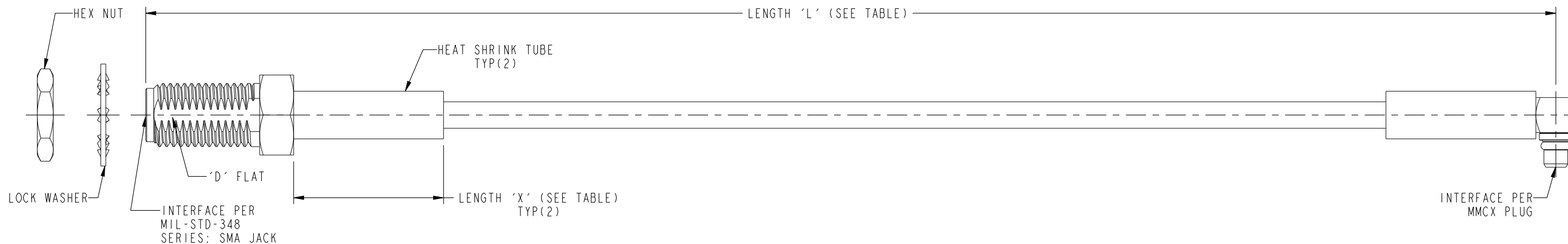
NOTES:

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]	1.50 [0.038]
-	245106-02-M0.50	19.69 [0.500]	
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]	78.74 [2.000]
-	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:

- | | |
|---|--|
| <input checked="" type="checkbox"/> FREQUENCY: DC - 1 GHz | <input checked="" type="checkbox"/> CONTINUITY |
| <input type="checkbox"/> VSWR: ---- 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 INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°	MATERIAL	DRAWN	DATE	TITLE SMA STR BHD JACK TO MMCX R/A PLUG USING RG 174 CABLE VARIOUS LENGTH SCALE: 2.5:1.0 SHEET 2 OF 2		Amphenol RF www.amphenolrf.com
	SEE NOTES	KARTHIK R	06-Jun-11			
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.	REFERENCE	APPROVED	DATE	DWG SIZE B		DRAWING NO. 245106-02-XX-XX ITEM NO. 245106-02-XX-XX PART NO. 245106-02-XX-XX
	EAR # 6419	K.CAPOZZI	17-Oct-18			
	CONFIGURATION LEVEL: In Work	FINISH	CAD FILE			

Mouser Electronics

Authorized Distributor

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

Amphenol:

[245106-02-06.00](#) [245106-02-18.00](#) [245106-02-03.00](#) [245106-02-M0.25](#) [245106-02-M0.50](#) [245106-02-M0.75](#)
[245106-02-M1.00](#) [245106-02-M2.00](#) [245106-02-12.00](#) [245106-02-48.00](#) [245106-02-24.00](#) [245106-02-36.00](#)