

NOTES:  
  
1. MATERIALS AND FINISHES:  
MMCX R/A PLUG - BRASS, GOLD PLATING  
RP SMA BHD JACK - BRASS, GOLD PLATING  
CABLE - RG 178  
  
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
  
3. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL RF, 245102-08-XX.XX AND DATE CODE"

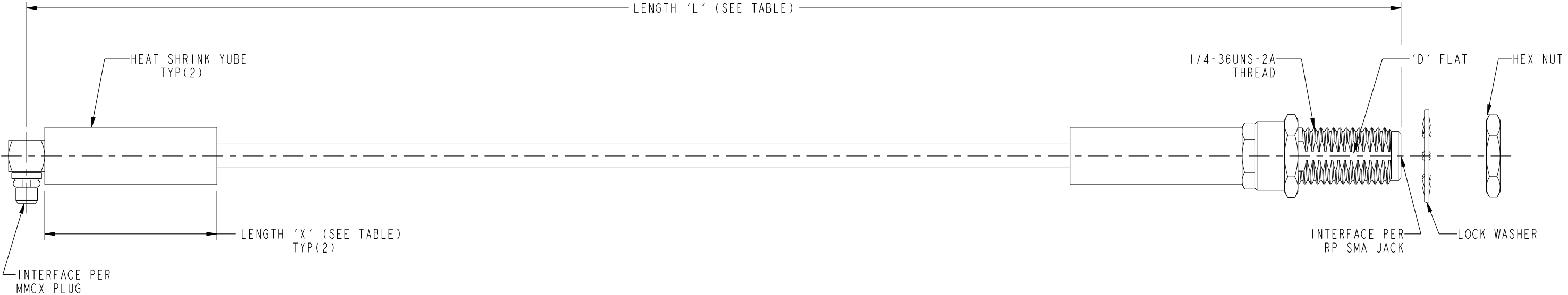
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	15-Jun-10	--	CL
C	COD SHEET ADDED	16-Apr-14	2728	MB/BCG
D	NOTES, FORMAT UPDATED, 36.00" & 48.00" LENGTHS ADDED	11-Oct-18	9341	SKP



SCALE 0.750



LENGTH TABLE		
PART NUMBER (IMPERIAL)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
245102-08-06.00	6.00 [0.152]	0.75 [0.019]
245102-08-12.00	12.00 [0.305]	
245102-08-18.00	18.00 [0.457]	
245102-08-24.00	24.00 [0.610]	1.50 [0.038]
245102-08-36.00	36.00 [0.914]	
245102-08-48.00	48.00 [1.219]	

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 - 3 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 MOHAN	DATE 31-Mar-14	TITLE MMCX R/A PLUG TO RP SMA STR BHD JACK USING RG 178 CABLE VARIOUS LENGTH		Amphenol RF  www.amphenolrf.com	
	SEE NOTES	ENGINEER MOHAN	DATE 31-Mar-14			DRAWING NO.245102-08-XX-XX	
	REFERENCE EAR #	APPROVED K.CAPOZZI	DATE 11-Oct-18	SCALE: 2.3:1.0	SHEET 2 OF 2	ITEM NO.245102-08-XX-XX	
	CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV D	PART NO.245102-08-XX-XX	
	FINISH						