NOTES:

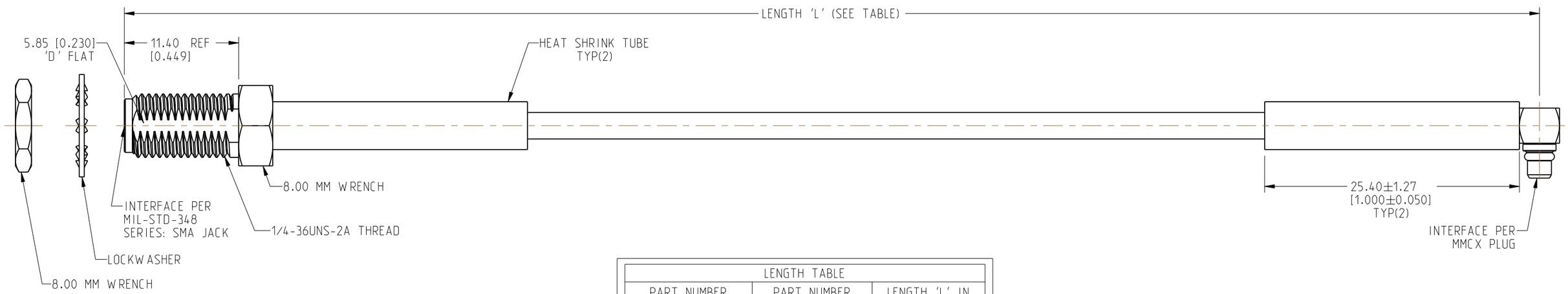
1. MATERIALS AND FINISHES:
   SMA STR BHD JACK - BRASS, GOLD PLATING
   MMCX RA PLUG - BRASS, GOLD PLATING
   CABLE - RG 174, BLACK

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"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	06-JUN-11	--	KR
D	NOTES, FORMAT UPDATED AND 48.00" LENGTH ADDED	17-OCT-18	9421	PL
E	3.00" LENGTH ADDED AND TOLERANCE TABLE UPDATED	20-JUL-23	16728	SG

SCALE 0.750



LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
245106-02-03.00	-	3.00 [0.760]
245106-02-06.00	-	6.00 [0.152]
-	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]
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" - 23.99" [0 - 0.609]	±0.25" [0.006]
24.00" - 59.99" [0.610 - 1.523]	±0.50" [0.013]
5.0' - 24.99' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:

- [X] FREQUENCY: DC - 1 GHz
- [ ] VSWR: ____ 1 MAX.
- [ ] INS. LOSS: ____ dB MAX.
- [X] CONTINUITY
- [X] HI-POT: 500 VRMS
- [ ] OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE

EAR# 6419

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

<0.5mm = ±0.05mm	[<0.020 = ±0.002]
0.5 - 6mm = ±0.1mm	[>0.020 - 0.236 = ±0.004]
>6.00 - 30mm = ±0.2mm	[>0.236 - 1.181 = ±0.008]
>30.00 - 120mm = ±0.3mm	[>1.181 - 4.725 = ±0.012]

ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1: KARTHIK R

ENGR.2:

DATE: 06-JUN-11

TITLE: SMA STR BHD JACK TO MMCX RA PLUG USING RG 174 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.6:1.0

Amphenol RF

SIZE: B

DRAWING NO. 245106-02-XX.XX

ITEM NO. 245106-02-XX.XX

PART NO. 245106-02-XX.XX

REV: E