NOTES:

1. MATERIALS AND FINISHES:
   SMA STR PLUG - BRASS, GOLD PLATING

   MHF-1-LK RA PLUG:
   HOUSING - PBT, BLACK
   CONTACT & GROUND CONTACT - PHOSPHOR BRONZE, SILVER PLATING

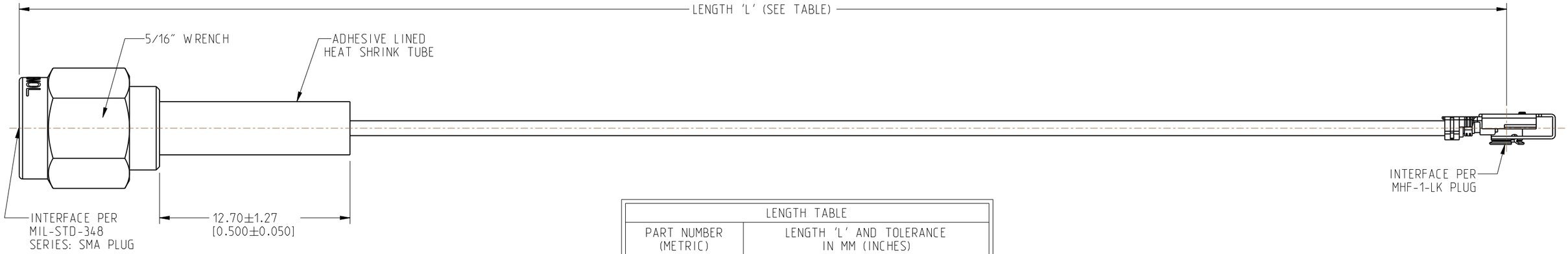
   CABLE - 1.13 MM CABLE

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 95-902-596-XXX AND DATE CODE"

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	26-FEB-25	17352	TR

SCALE 0.600



LENGTH TABLE	
PART NUMBER (METRIC)	LENGTH 'L' AND TOLERANCE IN MM (INCHES)
95-902-596-050	50.00 ± 3.81 [1.969 ± 0.150]
95-902-596-100	100.00 ± 3.81 [3.937 ± 0.150]
95-902-596-150	150.00 ± 3.81 [5.906 ± 0.150]
95-902-596-200	200.00 ± 5.08 [7.874 ± 0.200]
95-902-596-250	250.00 ± 5.08 [9.843 ± 0.200]
95-902-596-300	300.00 ± 5.08 [11.811 ± 0.200]
95-902-596-350	350.00 ± 5.08 [13.780 ± 0.200]
95-902-596-400	400.00 ± 5.08 [15.748 ± 0.200]

DESIGN REQUIREMENTS:

- [X] FREQUENCY: DC - 6 GHz
- [X] CONTINUITY
- [ ] VSWR: ____ MAX.
- [X] HI-POT: 200 VRMS
- [ ] INS. LOSS: ____ dB MAX.
- [ ] OTHER:

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE

EAR# 12370

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: SIBI R | ENGR.2: | DATE: 10-APR-24

TITLE: SMA STR PLUG TO MHF-1-LK RA PLUG USING 1.13 MM CABLE

SHEET NO. 2 OF 2 | SCALE: 3.4:1.0

Amphenol RF

SIZE B | DRAWING NO. 95-902-596-XXX | ITEM NO. 95-902-596-XXX | PART NO. 95-902-596-XXX | REV A