NOTES:

1. MATERIALS AND FINISHES:
   2 PORT MINI FAKRA TYPE A JACK: FM2-NZSJ-C01W0
   GEN 3.0 FAKRA STR JACK: 3FA1NNZSJ-C01W0
   CABLE: RG-174

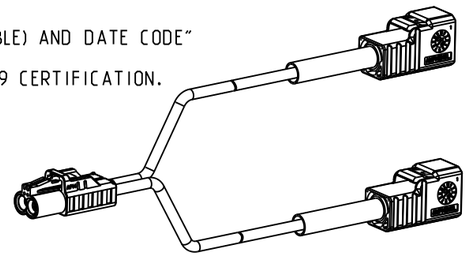
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

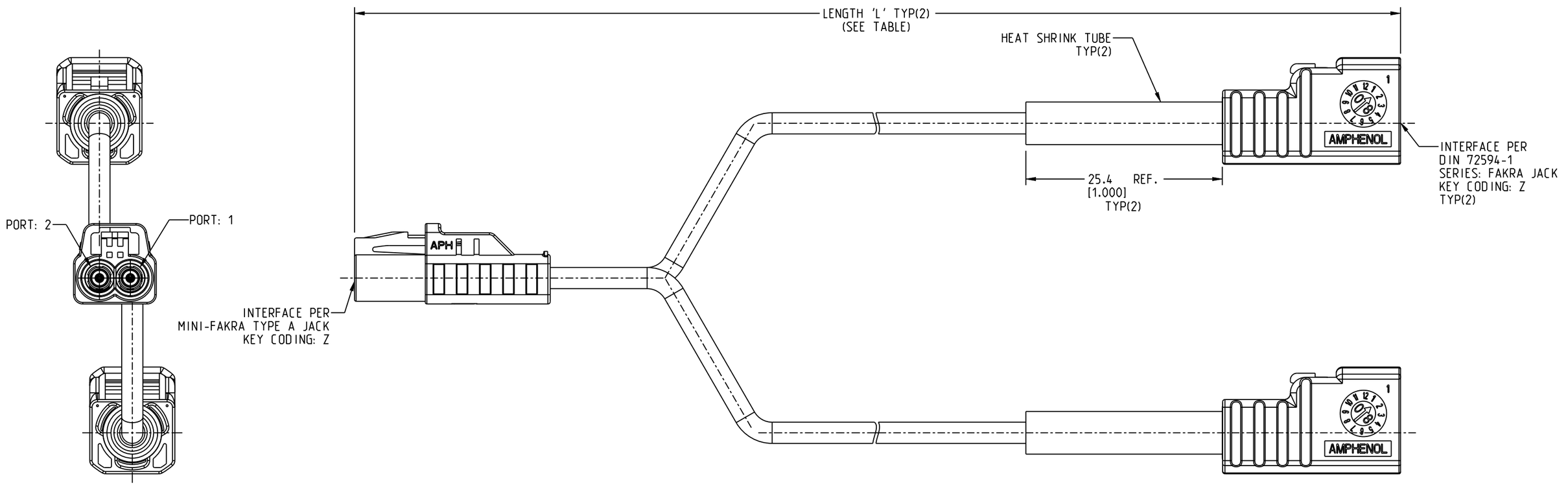
3. MECHANICAL:
   A. DURABILITY: 25 CYCLES MIN.
   B. TEMPERATURE RANGE: -40°C TO +105°C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 95-820-228-XXX (SEE TABLE) AND DATE CODE"

5. THE MINI-FAKRA TYPE A IS PENDING USCAR-49 CERTIFICATION.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-MAR-24	16936	KR
B	CHANGE NOTE 1 & 3; REMOVE THE HST TOLERANCE	10-Jul-24	17163	SH





LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' AND TOLERANCE IN METERS [INCHES]
95-820-228-006	-	0.1524 [6.00]
-	95-820-228M100	1.000 [39.37]
-	95-820-228M200	2.000 [78.74]

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 - 6 GHz
- [X] CONTINUITY
- [ ] VSWR: ____ 1 MAX.
- [X] HI-POT: 500 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# 12062

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	ENGR.2	DATE
R KARTHIK	M.ZHANG	09-Jul-24

TITLE: 2 PORT MINI FAKRA TYPE A STR JACK TO GEN 3.0 FAKRA STR JACK USING RG 174 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2 | SCALE: 2.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	95-820-228-XXX	B
	ITEM NO. 95-820-228-XXX	
	PART NO. 95-820-228-XXX	