NOTES:

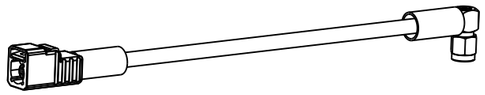
1. MATERIALS AND FINISHES:
   GEN 3.0 FAKRA STR JACK - 3FB1-NZSJ-C04W0
   SMA RA PLUG - 132444
   CABLE - LMR 195

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

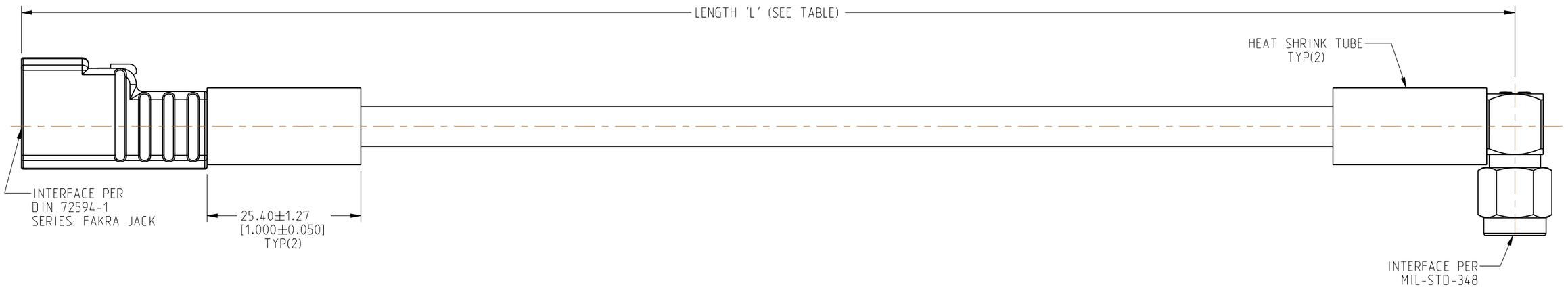
3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95-820-198-XXX AND DATE CODE".

4. CONTACT FACTORY FOR KEY CODE AVAILABILITY.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	28-SEP-22	16407	TR



SCALE 0.500



CODING	COLOR	RAL NO.
A	JET BLACK	9005
B	CREAM	9001
C	SIGNAL BLUE	5005
D	CLARET VIOLET	4004
E	LEAF GREEN	6002
F	NUT BROWN	8011
G	BLUE GREY	7031
H	HEATHER VIOLET	4003
I	BEIGE	1001
K	CURRY	1027
L	CARMINE RED	3002
M	PASTEL ORANGE	2003
N	PASTEL GREEN	6019
Z	WATER BLUE	5021

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [MM]
95-820-198-036	-	36.00 [914.00]
-	95-820-198M100	39.37 [1000.00]
95-820-198-048	-	48.00 [1219.00]
95-820-198-060	-	60.00 [1524.00]
-	95-820-198M300	118.11 [3000.00]
95-820-198-120	-	120.00 [3048.00]
-	95-820-198M500	196.85 [5000.00]
95-820-198-240	-	240.00 [6096.00]
-	95-820-198M10L	393.70 [10000.00]
	95-820-198M15L	590.55 [15000.00]
95-820-198-600	-	600.00 [15240.00]
-	95-820-198M20L	787.40 [20000.00]
-	95-820-198M30L	1181.10 [30000.00]

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

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.

THIRD ANGLE PROJ.

REFERENCE

EAR# 11499

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: THAMBI RAJ | ENGR.2: | DATE: 08-SEP-22

TITLE: GEN 3.0 FAKRA STR JACK TO SMA RA PLUG USING LMR 195 CABLE VARIOUS LENGTH

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

Amphenol RF

SIZE B | DRAWING NO. 95-820-198-XXX | ITEM NO. 95-820-198-XXX | PART NO. 95-820-198-XXX | REV A