NOTES:

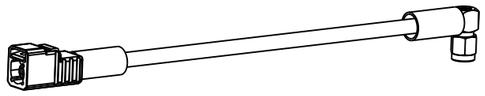
1. MATERIALS AND FINISHES:
   GEN 3.0 FAKRA STR JACK - 3FB1-NZSJ-C04W0
   SMA RA PLUG - 132444
   CABLE - LMR 195

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

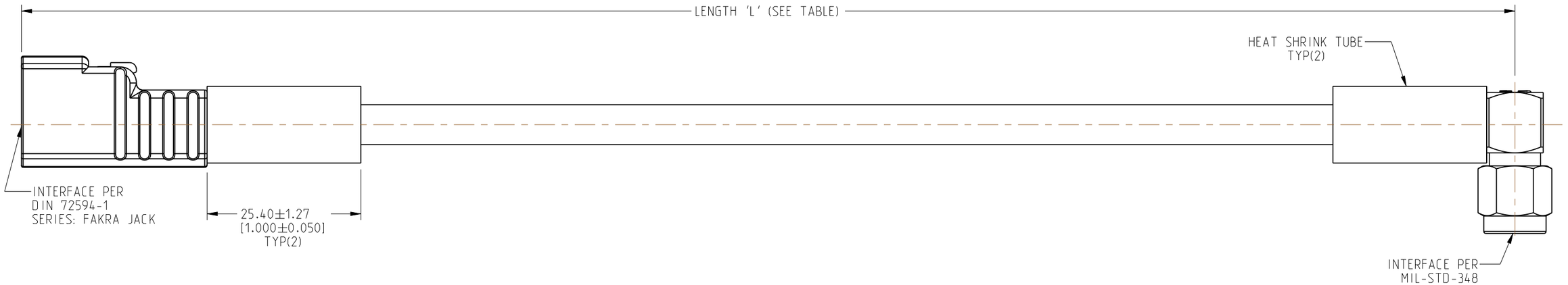
3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95-820-198-XXX AND DATE CODE".

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

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