NOTES:

1. MATERIALS AND FINISHES:
   GEN 2.0 FAKRA STR PLUG - 2FB1-NXSP-C01W1
   SMA STR PLUG - 132114B
   CABLE - RG 174

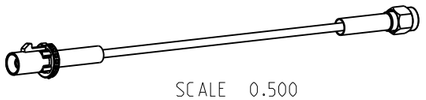
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95X820-162-YYY AND DATE CODE"

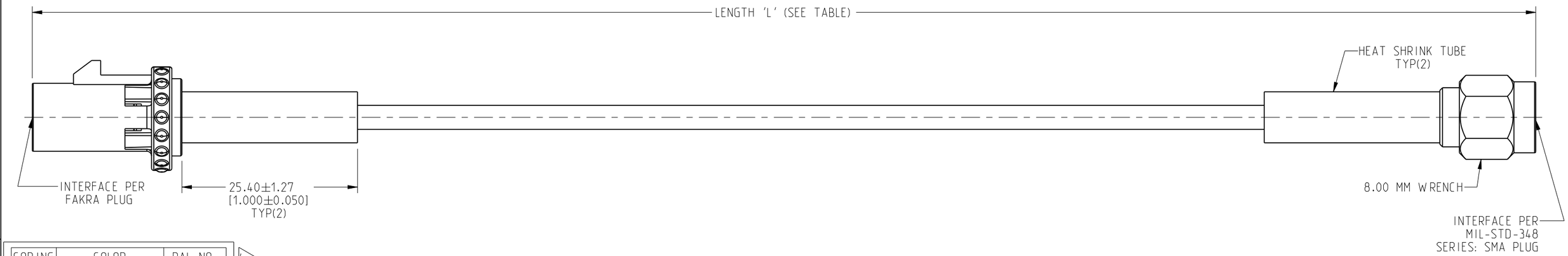
4. 95X820-162-YYY : "X" REFERS TO FAKRA CONNECTOR COLOR KEY CODE.

5. CONTACT FACTORY FOR KEY CODE AVAILABILITY.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	06-OCT-21	15939	VK



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

4

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95X820-162-006	-	6.00 [0.152]
95X820-162-012	-	12.00 [0.305]
95X820-162-018	-	18.00 [0.457]
95X820-162-024	-	24.00 [0.610]
95X820-162-036	-	36.00 [0.914]
-	95X820-162M100	39.37 [1.000]

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:

- [X] FREQUENCY: DC - 3 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# 10787

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: VIJI K

ENGR.2:

DATE: 15-JUL-21

TITLE: GEN 2.0 FAKRA STR PLUG TO SMA STR PLUG USING RG 174 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2

SCALE: 2.4:1.0

Amphenol RF

SIZE: B

DRAWING NO. 95X820-162-YYY

ITEM NO. 95X820-162-YYY

PART NO. 95X820-162-YYY

REV: A

Downloaded from Arrow.com.