

NOTES:

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

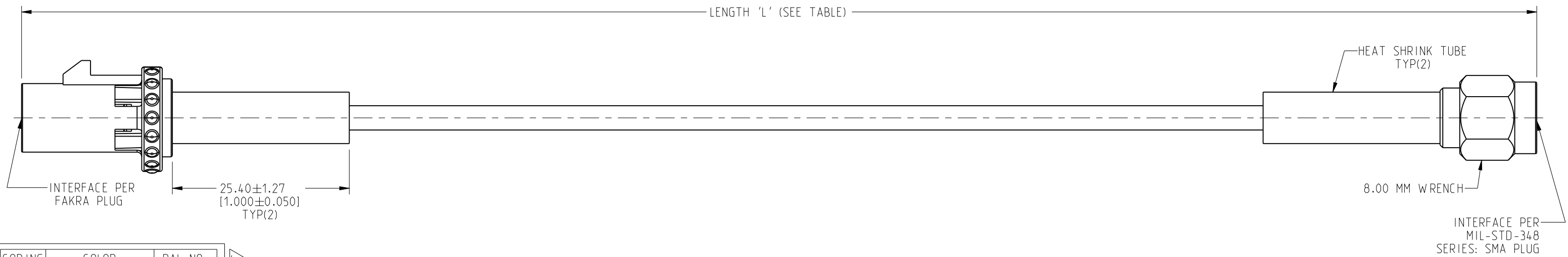
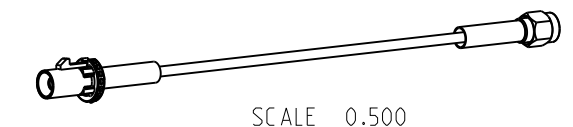
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM

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 |



| 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 [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:

FREQUENCY: DC - 3 GHz CONTINUITY

VSWR: _____ 1 MAX. 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# 10787 | | ENGR.1 VIJI K ENGR.2 ANGLES = ±1° | | DATE 15-JUL-21 SHEET NO. 2 OF 2 SCALE: 2.4:1.0 | | SIZE B DRAWING NO. 95X820-162-YYY ITEM NO. 95X820-162-YYY PART NO. 95X820-162-YYY REV A | |