

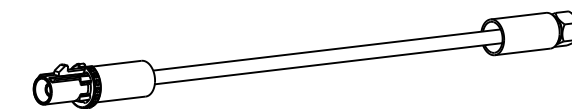
NOTES:

1. MATERIALS AND FINISHES:  
 GEN 2.0 FAKRA STR PLUG - 2FB1-NXSP-C04W1  
 SMA STR PLUG - 132113B  
 CABLE - RG 58
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM
3. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 95X820-166-YYY AND DATE CODE"

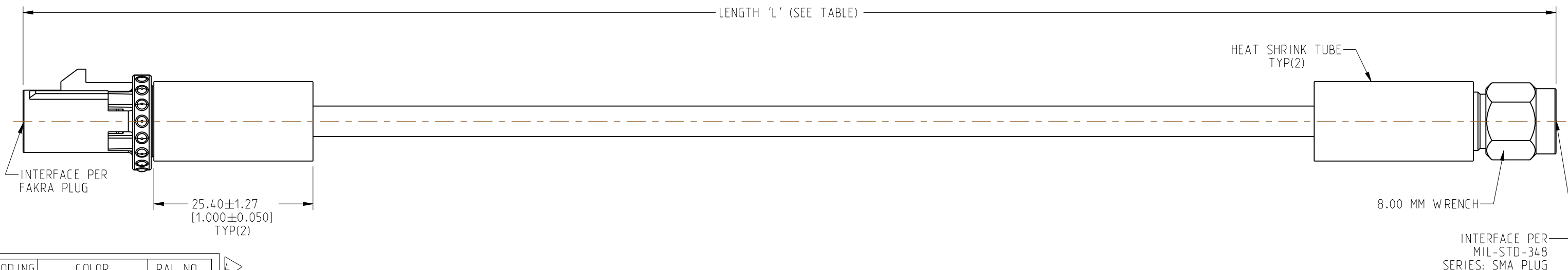
4. 95X820-166-YYY : "X" REFERS TO FAKRA CONNECTOR COLOR KEY CODE.

5. CONTACT FACTORY FOR KEY CODE AVAILABILITY.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	28-SEP-21	15926	DSK



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 [METERS]
95X820-166-006	-	6.00 [0.152]
95X820-166-012	-	12.00 [0.305]
95X820-166-018	-	18.00 [0.457]
95X820-166-024	-	24.00 [0.610]
95X820-166-036	-	36.00 [0.914]
-	95X820-166M100	39.37 [1.000]
-	95X820-166M200	78.74 [2.000]
-	95X820-166M300	118.11 [3.000]

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:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> FREQUENCY: DC - 3 GHz | <input checked="" type="checkbox"/> CONTINUITY       |
| <input type="checkbox"/> VSWR: _____ 1 MAX.               | <input checked="" type="checkbox"/> HI-POT: 500 VRMS |
| <input type="checkbox"/> INS. LOSS: _____ dB MAX.         | <input type="checkbox"/> OTHER                       |

**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.  REFERENCE		ANGLES = ±1°		ENGR.1 SASI D ENGR.2 DATE 15-JUL-21		SHEET NO. 2 OF 2 SCALE: 2.2:1.0		DRAWING NO. 95X820-166-YYY ITEM NO. 95X820-166-YYY PART NO. 95X820-166-YYY	
EAR# 10788								REV A	