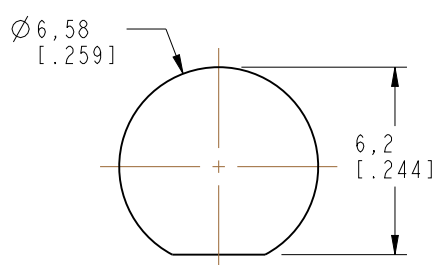


NOTES:

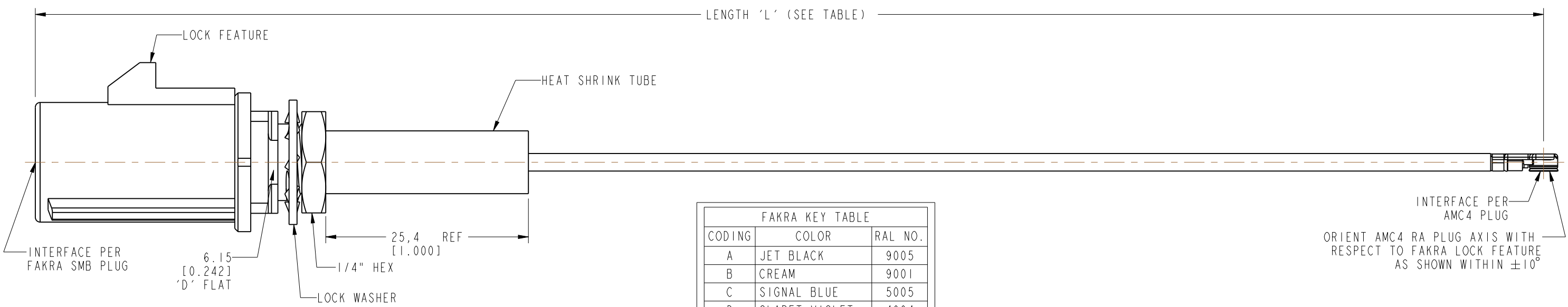
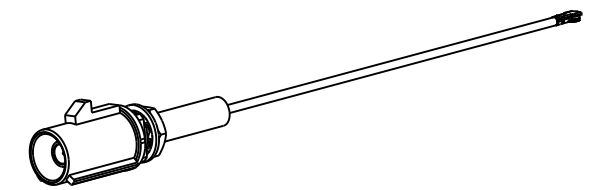
- 1. MATERIALS AND FINISHES:  
 FAKRA SMB STR PLUG:  
 BODY - ZINC ALLOY, NICKEL PLATING  
 CONTACT - BRASS, GOLD PLATING  
 COVER - NILON 46, COLOR, SEE TABLE BELOW  
 INSULATOR - PTFE, NATURAL  
 CABLE - 1.13 MM
- 2. ELECTRICAL  
 A. IMPEDANCE: 50 OHM
- 3. PACKAGING  
 A. QUANTITY: SINGLE PACK  
 B. MARKING : BAG TO BE MARKED  
 "AMPHENOL RF, 95-820-124-XXX & DATE CODE"  
 ←SEE TABLE

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	17-Dec-19	13986	VR



RECOMMENDED MOUNTING HOLE DIMENSIONS



INTERFACE PER AMC4 PLUG  
 ORIENT AMC4 RA PLUG AXIS WITH RESPECT TO FAKRA LOCK FEATURE AS SHOWN WITHIN ±10°

FAKRA KEY TABLE		
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	3003
N	PASTEL GREEN	6019
Z	WATER BLUE	5021

LENGTH TABLE	
PART NUMBER	LENGTH AND TOLERANCE 'L' IN MM (INCHES)
95-820-124-05X	50.00 ± 3.81 [1.969 ± 0.150]
95-820-124-10X	100.00 ± 3.81 [3.937 ± 0.150]
95-820-124-15X	150.00 ± 3.81 [5.906 ± 0.150]
95-820-124-20X	200.00 ± 5.08 [7.874 ± 0.200]
95-820-124-25X	250.00 ± 5.08 [9.843 ± 0.200]
95-820-124-30X	300.00 ± 5.08 [11.811 ± 0.200]

DESIGN REQUIREMENTS:

<input checked="" type="checkbox"/> FREQUENCY: DC - 6 GHz	<input checked="" type="checkbox"/> CONTINUITY
<input type="checkbox"/> VSWR: ---- MAX.	<input checked="" type="checkbox"/> HI-POT: 200 VRMS
<input type="checkbox"/> INS. LOSS: ----dB MAX.	<input type="checkbox"/> OTHERS:

ADDITIONAL LENGTHS AND FAKRA KEY CODES AVAILABLE BY CHANGING XXX TO DESIRED LENGTH IN MM AND FAKRA KEY CODE. FOR THE DETAIL FAKRA KEY CODE, SEE FAKRA KEY CODE TABLE FOR CLARITY CONTACT AMPHENOL RF MARKETING FOR QUOTE. EXAMPLE: -10B IS 100MM WITH FAKRA KEY CODE "B"

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ± 0.05mm    0.5 - 6mm ± 0.1mm    6 - 30mm ± 0.2mm    30 - 120mm ± 0.3mm    ANGLES ±1°		MATERIAL SEE NOTES	DRAWN VIJAY N M	DATE 25-Nov-19	TITLE FAKRA SMB STR PLUG TO AMC4 RA PLUG USING 1.13 MM CABLE VARIOUS LENGTH		Amphenol RF www.amphenolrf.com
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.	REFERENCE EAR# 9542	ENGINEER VIJAY N M	DATE 25-Nov-19	SCALE: 4.0:1.0 SHEET 2 OF 2		DRAWING NO. 95-820-124-XXX	
	REF:	APPROVED K.CAPOZZI	DATE 17-Dec-19	DWG SIZE B	REV A	ITEM NO. 95-820-124-XXX	
	CONFIGURATION LEVEL: In Work	CAD FILE					PART NO. 95-820-124-XXX
FINISH							