

NOTES:

1. MATERIAL AND FINISH:

BODY - PHOSPHOR BRONZE, TIN PLATING
 INSULATOR - PTFE, NATURAL
 CLIP - PPE+PS, CLARET VIOLET
 HOUSING - PBT, SEE TABLE BELOW FOR KEY CODES & COLORS
 SLEEVE - COPPER NICKEL ALLOY, NI PLATING
 CONTACT - COPPER NICKEL ALLOY, GOLD PLATING

HOUSING: CN: FKLCI9100-X NA: 923-40316
 CLIP: CN: FKCL01001 NA: 923-40317
 BODY/INSULATOR SUB-ASSEMBLY IS SUPPLIED SEPARATELY: CN: FKMBI9401 (3,000 PCS/REEL)
 NA: 923-40318
 CONTACT PINS ARE SUPPLIED SEPARATELY AS P/N: CN: FKCP23201 (5000PCS/REEL)
 NA: 923-40319
 SLEEVES ARE SUPPLIED SEPARATELY AS P/N: CN: SL99ABF02 (5000PCS/REEL)
 NA: 923-10858

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM, NOMINAL
 B. FREQUENCY RANGE: DC - 9 GHz
 C. VSWR(RETURN LOSS): 23dB MIN.@ 0.1 GHz to 3 GHz
 17dB MIN.@ 3 GHz to 6.5 GHz
 12dB MIN.@ 6.5 GHz to 9 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.
 E. CENTER CONTACT RESISTANCE: $\leq 15m\Omega$
 F. OUT CONTACT RESISTANCE: $\leq 7.5m\Omega$

3. SEE 349-50961 FOR CABLE ASSEMBLY INSTRUCTIONS.

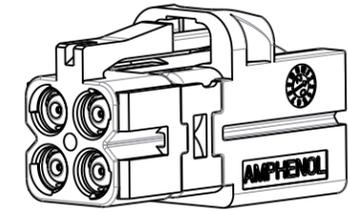
4. MECHANICAL:

A. DURABILITY: ≥ 10
 B. ENGAGEMENT FORCE: $\leq 75N$
 C. DISENGAGEMENT FORCE: $\geq 5N$
 D. LATCH RETENTION FORCE: $\geq 110N$
 E. CODING EFFICIENCY: $\geq 130N$

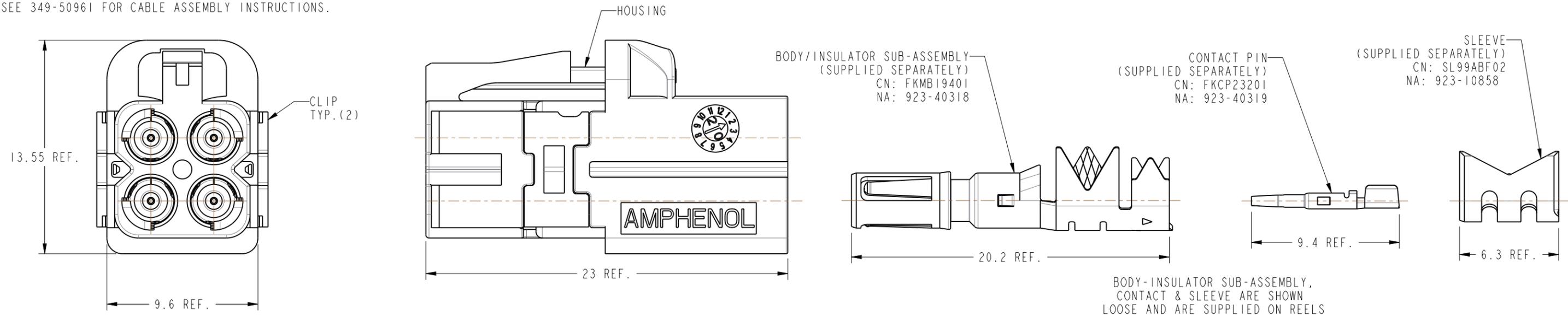
5. ENVIRONMENT DATA:

A. TEMPERATURE RANGE: -40°C TO +105°C
 B. THERMAL SHOCK: (VW 75174)
 C. TEMPERATURE AND HUMIDITY: (VW 75174)
 D. VIBRATION AND MECHANICAL SHOCK: (VW 75174)
 E. ROHS: COMPLIANT

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	21-Apr-23		DC
B	ADDED SEMI-FINISHED	26-Jan-26	17665	RC



**CONFIGURATION CONTROL:
 NO CHANGES PERMITTED TO DRAWING WITHOUT
 PPAP QUALIFIED CUSTOMER APPROVAL**



KEY CODE						
A	B	C	D	E	F	Z

CODING	DRAWING NO.	HOUSING WITH TPA	COLOR	RAL NO.
A	FMB4NASJ-C01W0	923-40578-A	JET BLACK	9005
B	FMB4NBSJ-C01W0	923-40578-B	CREAM	9001
C	FMB4NCSJ-C01W0	923-40578-C	SIGNAL BLUE	5005
D	FMB4NDSJ-C01W0	923-40578-D	CLARET VIOLET	4004
E	FMB4NESJ-C01W0	923-40578-E	LEAF GREEN	6002
F	FMB4NFSJ-C01W0	923-40578-F	NUT BROWN	8011
Z	FMB4NZSJ-C01W0	923-40578-Z	WATER BLUE	5021

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.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE: <0.5mm = $\pm 0.05mm$ [$\pm 0.020 = \pm 0.002$] 0.5 - 6mm = $\pm 0.1mm$ [$\pm 0.020 - 0.236 = \pm 0.004$] >6.00 - 30mm = $\pm 0.2mm$ [$\pm 0.236 - 1.181 = \pm 0.008$] >30.00 - 120mm = $\pm 0.3mm$ [$\pm 1.181 - 4.725 = \pm 0.012$] ANGLES = $\pm 1^\circ$		MATERIAL ENGR.1 K.ELMES ENGR.2 Ivan.Q DATE 26-Jan-26		TITLE TYPE B MINI FAKRA JACK C01 CABLE GROUP SHEET NO. 2 OF 2 SCALE: 4.0:1.0		Amphenol RF SIZE B DRAWING NO. FMB4NXSJ-C01W0 ITEM NO. FMB4NXSJ-C01W0 PART NO. FMB4NXSJ-C01W0 REV B	
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