

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: 923-4032

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: $\leq 7.5m\Omega$

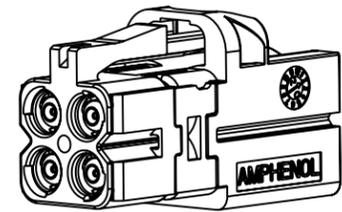
3. MECHANICAL:

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

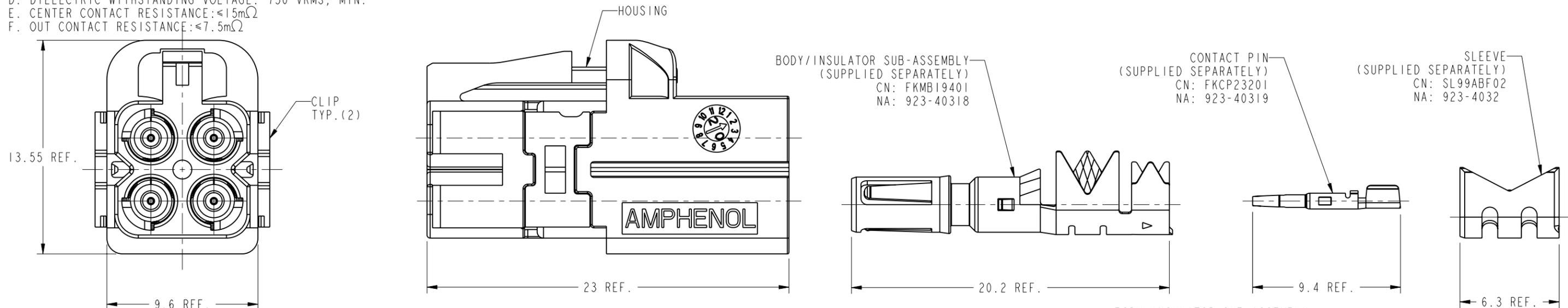
4. ENVIRONMENT DATA:

A. TEMPERATURE RANGE: $-40^{\circ}C$ TO $+105^{\circ}C$
 B. THERMAL SHOCK: (VW 75174)
 C. TEMPERATURE AND HUMIDITY: (VW 75174)
 D. VIBRATION AND MACHANICAL SHOCK: (VW 75174)
 E. ROHS: COMPLIANT

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	21-Apr-23		DC



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



BODY-INSULATOR SUB-ASSEMBLY,
 CONTACT & SLEEVE ARE SHOWN
 LOOSE AND ARE SUPPLIED ON REELS

KEY CODE						
A	B	C	D	E	F	Z

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

CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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