

NOTES:

- MATERIAL AND FINISHES
 BODY - PHOSPHOR BRONZE, TIN PLATING.
 MALE CONTACT - COPPER ALLOY, MATING AREA: GOLD PLATING OVER NICKEL PLATING.
 INSULATOR - PA, NATURAL
 FAKRA HOUSING - PBT, COLOR: PER TABLE
 CLIP - PBT, COLOR: SULFUR YELLOW
 SLEEVE - PHOSPHOR BRONZE, NICKEL PLATING.

C01 BODY/INSULATOR SUB-ASSEMBLY P/N: 923-40331 (2,000 PCS/REEL)
 C01 HOUSING/CLIP SUB-ASSEMBLY P/N: 923-40219-X
 CONTACTS ARE SUPPLIED SEPARATELY AS P/N: 923-40327 (5,000 PCS/REEL)
 SLEEVES ARE SUPPLIED SEPARATELY AS P/N: 923-40334 (3,000 PCS/REEL)

- ELECTRICAL:
 A. IMPEDANCE: 50 OHM NOMINAL
 B. FREQUENCY RANGE: DC - 3 GHz
 C. VSWR (RETURN LOSS): 1.20 MAX. (-20.80 dB MIN.) @ (DC - 200 MHz)
 1.40 MAX. (-15.60 dB MIN.) @ (200 MHz - 2 GHz)
 1.50 MAX. (-13.90 dB MIN.) @ (2 - 3 GHz)
 D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.

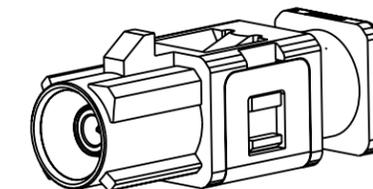
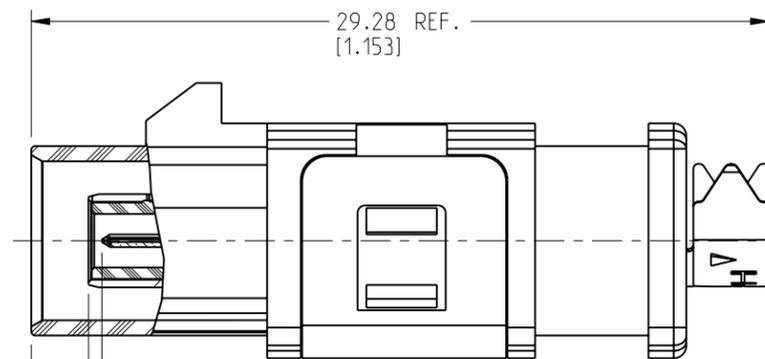
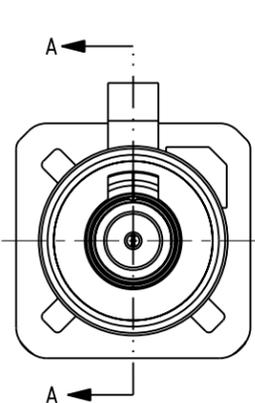
- MECHANICAL:
 A. DURABILITY: 100 CYCLES MIN.
 B. TEMPERATURE RANGE: -40°C TO +105°C
 C. MECHANICAL PULL: 90 N MIN. (NON-USCAR STANDARD)
 D. CONTACT RETENTION: 10 N MIN.

- CONNECTOR ASSEMBLY:
 SEE 349-50874 FOR CONNECTOR ASSEMBLY INSTRUCTIONS

- PACKAGING:
 A. QUANTITY:
 REEL PACK (BODY/INSULATOR, CONTACT AND SLEEVE)
 TRAY PACK (HOUSING/CLIP)
 B. REEL AND BAG TO BE MARKED: "AMPHENOL RF
 4FA1-NXSPAC01WS
 DATE CODE"

- ALL DIMENSIONS MECHANICAL & ELECTRICAL DESIGN
 COMPLY WITH DIN 72594-1 AND USCAR-18 SPEC.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	31-Oct-23		RC

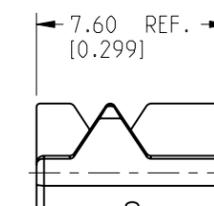
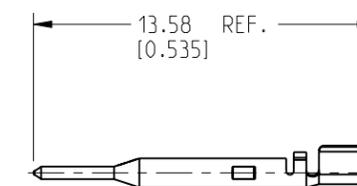
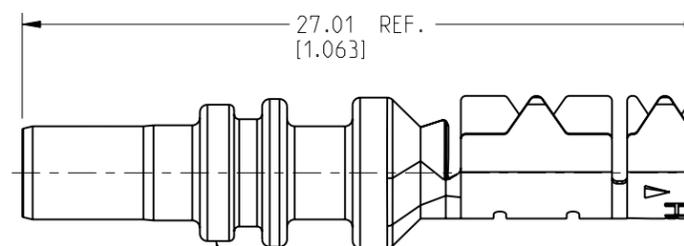
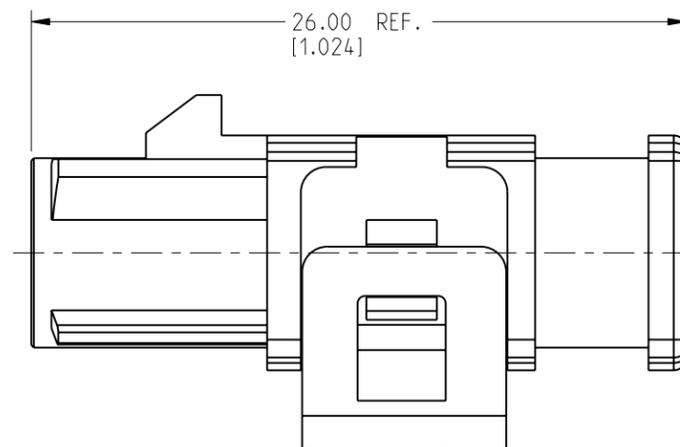


SCALE 2.000

2.27^{+0.20}_{-0.21}
 [0.089^{+0.007}_{-0.008}]
 BODY TO HOUSING
 KDC

0.53^{±0.20}
 [0.021^{±0.007}]
 BODY TO CONTACT
 KDC

AFTER ASSEMBLY



BODY/INSULATOR
 SUB-ASSEMBLY
 PN:923-40331

CONTACT
 PN:923-40327

SLEEVE
 PN:923-40334

HOUSING/CLIP
 SUB-ASSEMBLY
 PN:923-40219-X

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

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

CODING	DRAWING NO.	HOUSING COLOR	RAL NO.
A	4FA1-NASPAC01WS	JET BLACK	9005
B	4FA1-NBSPAC01WS	CREAM	9001
C	4FA1-NCSPAC01WS	SIGNAL BLUE	5005
D	4FA1-NDSPAC01WS	CLARET VIOLET	4004
E	4FA1-NESPAC01WS	LEAF GREEN	6002
F	4FA1-NFSPAC01WS	NUT BROWN	8011
G	4FA1-NGSPAC01WS	BLUE GREY	7031
H	4FA1-NHSPAC01WS	HEATHER VIOLET	4003
I	4FA1-NISPCAC01WS	BEIGE	1001
K	4FA1-NKSPAC01WS	CURRY	1027
L	4FA1-NLSPAC01WS	CARMINE RED	3002
M	4FA1-NMSPAC01WS	PASTEL ORANGE	2003
N	4FA1-NNSPAC01WS	PASTEL GREEN	6019
Z	4FA1-NZSPAC01WS	WATER BLUE	5021

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UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:
 <0.5mm = ±0.05mm [-0.020 = ±0.002]
 0.5 - 6mm = ±0.1mm [0.020 - 0.236 = ±0.004]
 >6.00 - 30mm = ±0.2mm [0.236 - 1.181 = ±0.008]
 >30.00 - 120mm = ±0.3mm [1.181 - 4.725 = ±0.012]

MATERIAL
 SEE NOTES

ENGR.1 Mark ENGR.2 Ham DATE 19-Oct-23

TITLE
 FAKRA II (GEN 4)
 SINGLE STR PLUG FOR
 C01 CABLE GROUP

SHEET NO. 2 OF 2 SCALE: 3.5:1.0

Amphenol RF

SIZE	DRAWING NO. 4FA1-NXSPAC01WS	REV
	ITEM NO. 4FA1-NXSPAC01WS	A
	PART NO. 4FA1-NXSPAC01WS	

THIRD ANGLE PROJ.

REFERENCE EAR# 7126

ANGLES = ±1°