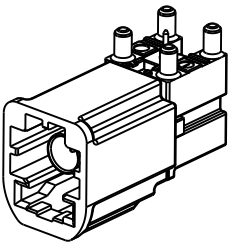


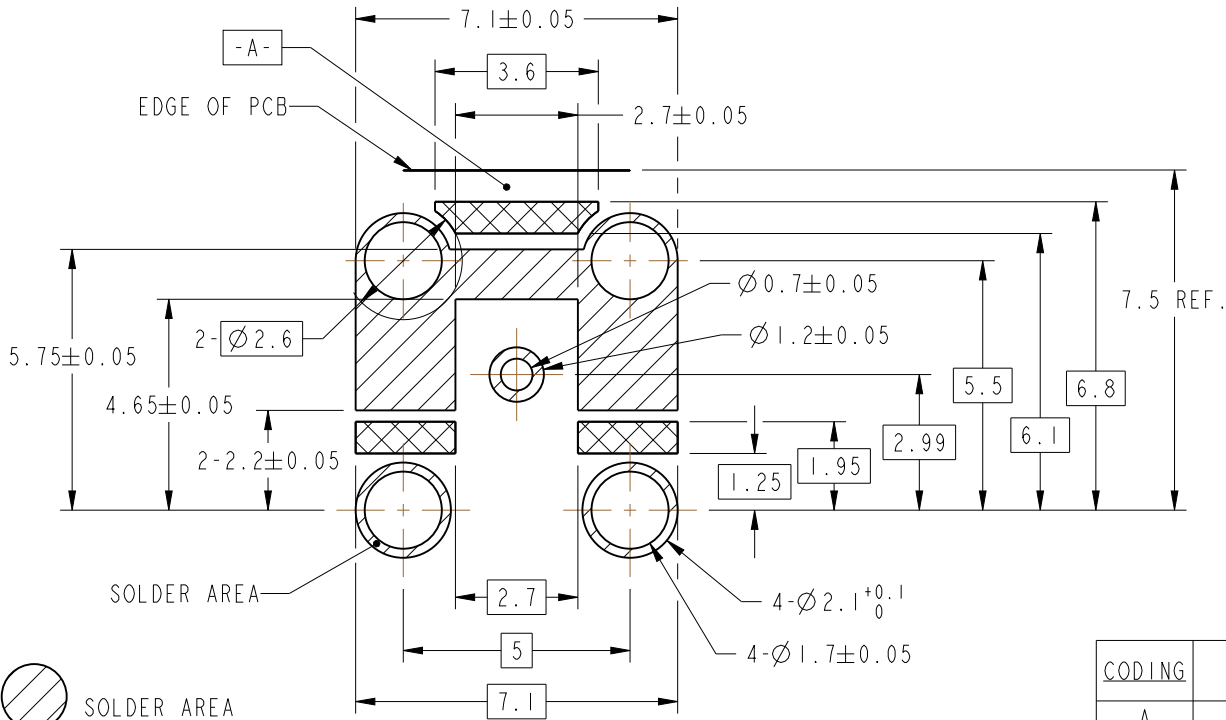
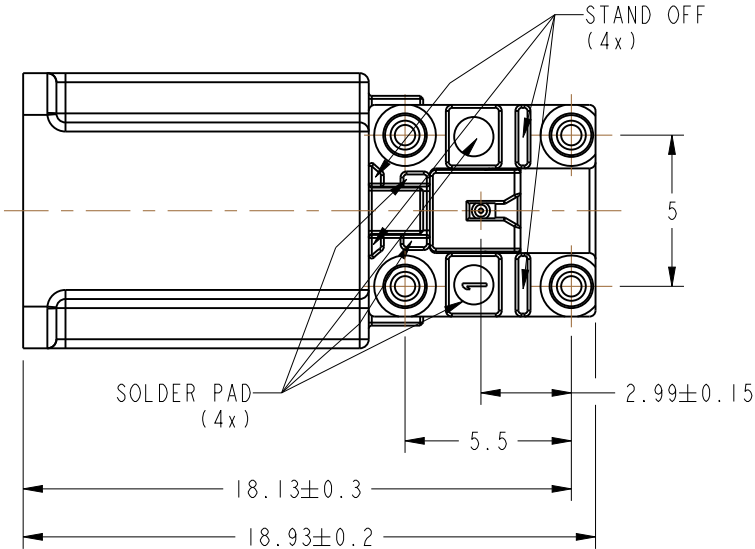
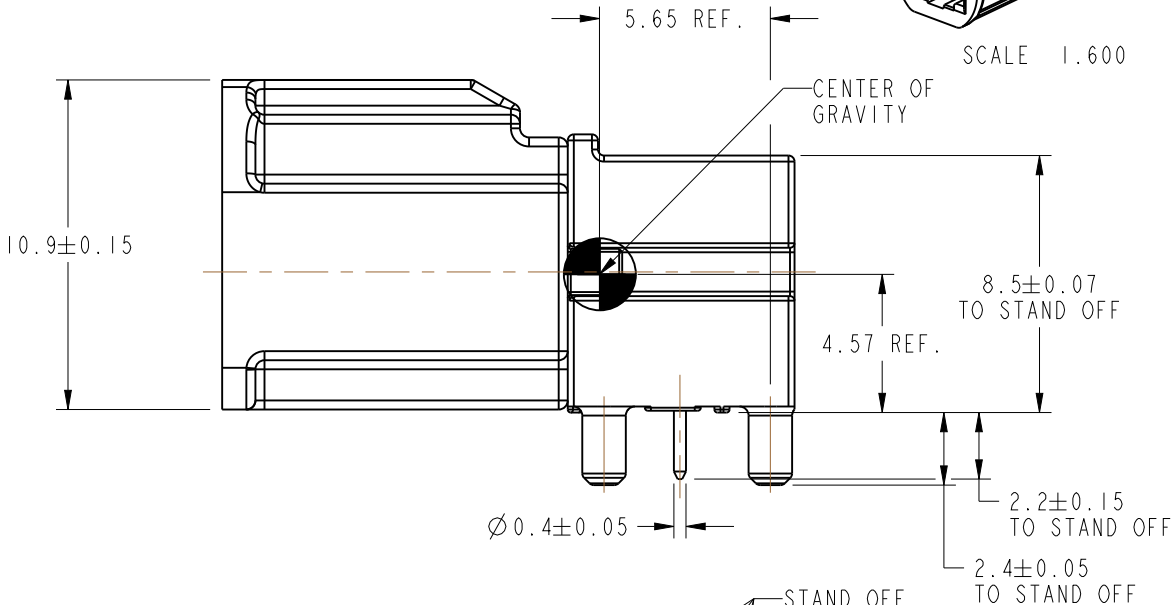
- NOTES:
- MATERIALS AND FINISHES(PLATING THICKNESS IN MICRO-INCHES):
MAIN BODY - ZINC ALLOY, MATTE TIN PLATED
INNER BODY - BRASS, MATTE TIN PLATED
CONTACT PIN - COPPER NICKEL ALLOY, GOLD PLATED 6 MIN. THICK AT MATING AREA, MATTE TIN PLATED 100 MIN. THICK AT SOLDER AREA
INSULATOR - LCP, NATURAL
HOUSING - PA4T, SEE TABLE BELOW FOR KEY CODES & COLORS
 - ELECTRICAL:
A. IMPEDANCE: 50 OHM, NOMINAL
B. FREQUENCY RANGE: DC- 9 GHz
C. VSWR(RETURN LOSS): 1.12 (-25dB) MAX. @ DC TO 3 GHz
1.22 (-20dB) MAX. @ 3 GHz TO 6 GHz
1.67 (-12dB) MAX. @ 6 GHz TO 9 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 800 VRMS, MIN.
 - MECHANICAL:
A. DURABILITY: 25 CYCLES MIN.
B. TEMPERATURE RANGE: -40° C TO +105° C
C. LATCH RETENTION FORCE: 110N MIN.
 - PACKAGING: PACKAGE IN TAPE AND REEL

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

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	21-Jan-26	17664	RC



SCALE 1.600



SCALE 3.000
RECOMMENDED MOUNTING HOLE DIMENSIONS
ALL DRILL HOLES $\varnothing 0.05$ A (5x)

CODING	DRAWING NO.	COLOR OF HOUSING	RAL NO.
A	FMI-NARP-PCB-3	JET BLACK	9005
B	FMI-NBRP-PCB-3	PURE WHITE	9010
C	FMI-NCRP-PCB-3	LIGHT BLUE	5012
D	FMI-NDRP-PCB-3	CLARET VIOLET	4004
E	FMI-NERP-PCB-3	MAY GREEN	6017
F	FMI-NFRP-PCB-3	NUT BROWN	8011
G	FMI-NGRP-PCB-3	PLATINUM GREY	7036
H	FMI-NHRP-PCB-3	LIGHT PINK	3015
J	FMI-NJRP-PCB-3	BEIGE	1001
K	FMI-NKRP-PCB-3	CURRY	1027
N	FMI-NNRP-PCB-3	PASTEL GREEN	6019
Z	FMI-NZRP-PCB-3	WATER BLUE	5021

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]

ANGLES = ±1°

MATERIAL

ENGR.1
Jason.Liu

ENGR.2
Wenhui.Zhong

DATE
20-Jan-26

TITLE

MINI FAKRA R/A PCB
MOUNT PLUG, TYPE A,
1 PORT

SHEET NO. 2 OF 2

SCALE: 4.0:1.0

CUSTOMER OUTLINE DRAWING

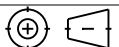
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF

SIZE	DRAWING NO.	REV
	FM1-NXRP-PCB-3	
	ITEM NO. FM1-NXRP-PCB-3	
B	PART NO. FM1-NXRP-PCB-3	A

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THIRD ANGLE PROJ.



REFERENCE

EAR#
12299