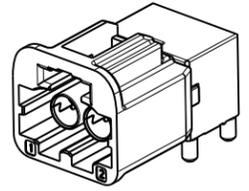


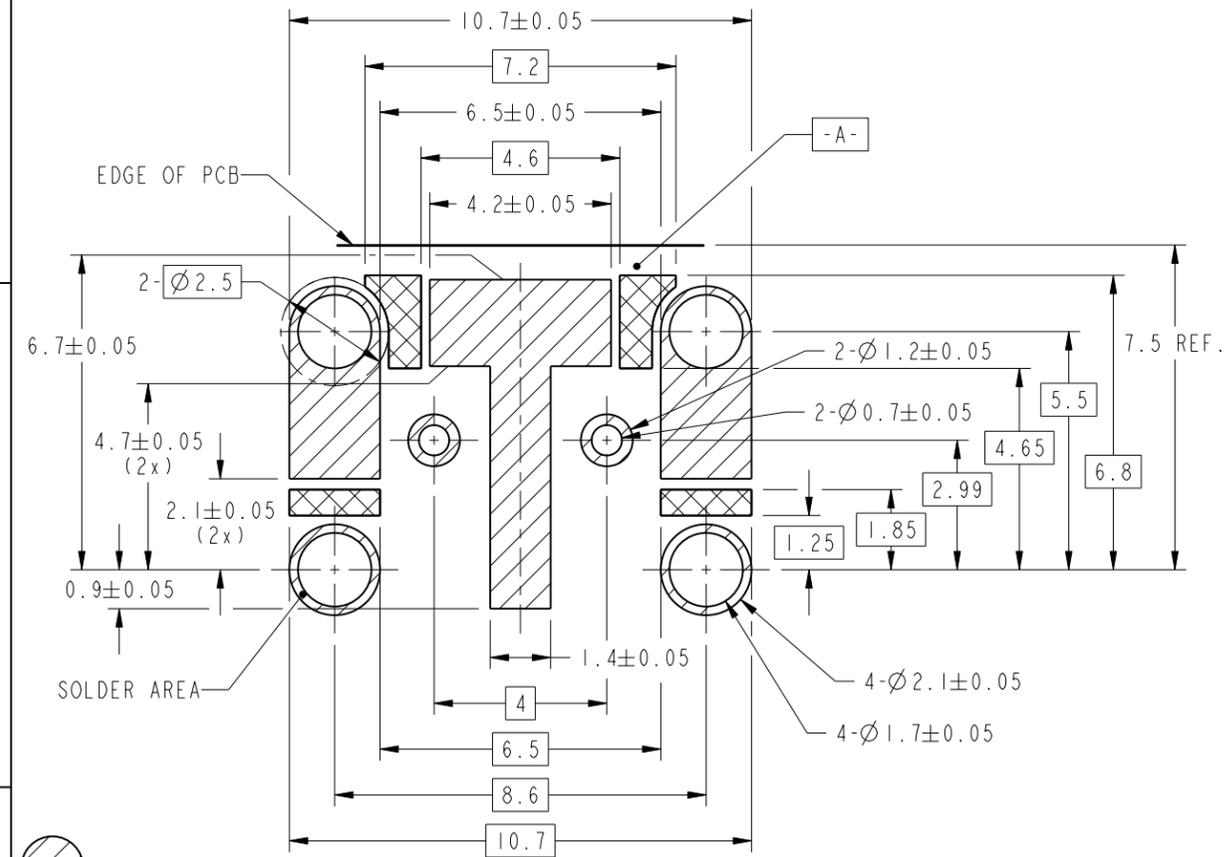
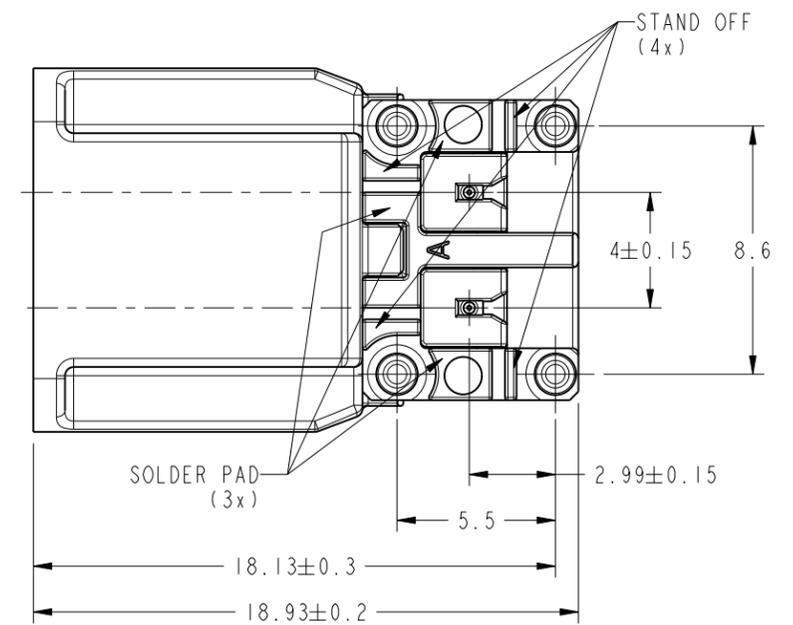
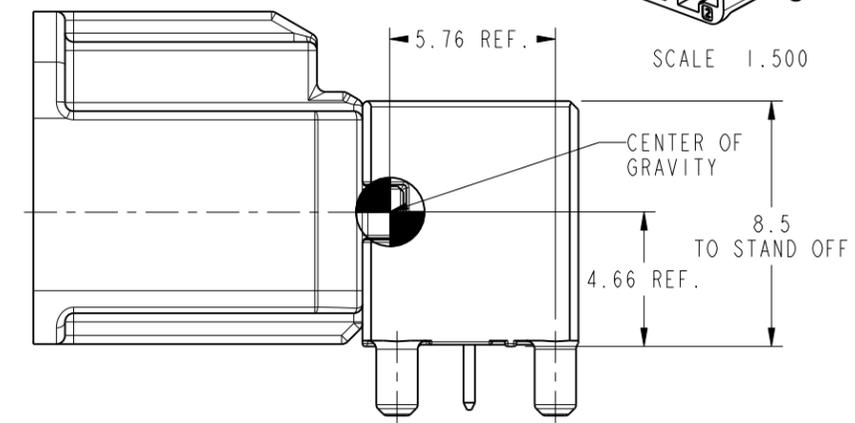
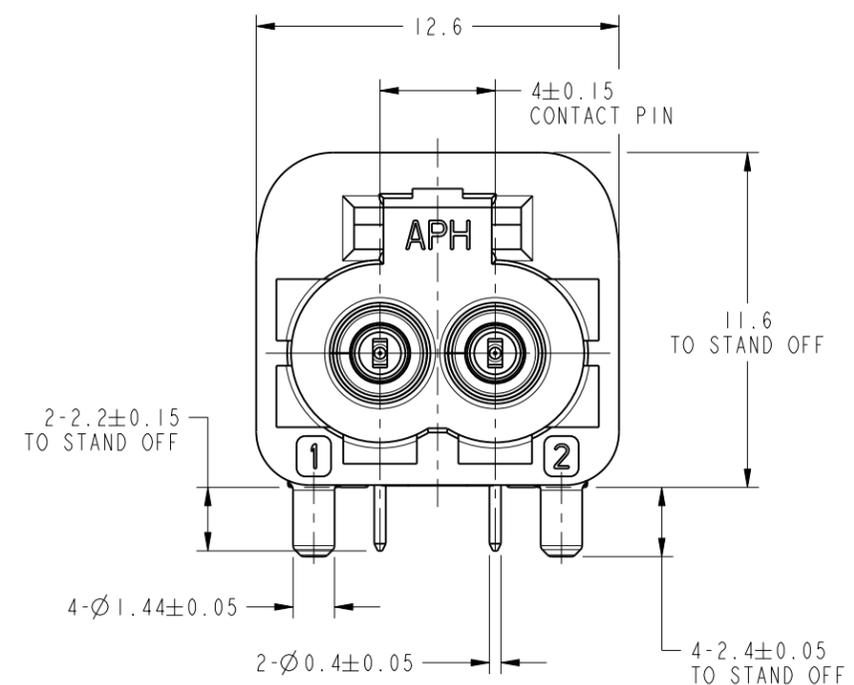
- NOTES:
- MATERIALS AND FINISHES (PLATING THICKNESS IN MICRO-INCHES):
 - MAIN BODY - ZINC ALLOY, MATTE TIN PLATED
 - INNER BODY - BRASS, MATTE TIN PLATED
 - CONTACT PIN - COPPER NICKEL ALLOY, GOLD PLATED 6 MIN. THICK AT MATING AREA, MATTE TIN PLATED AT SOLDER AREA
 - INSULATOR - LCP, NATURAL
 - HOUSING - 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:
 - A. PACKAGE IN TAPE AND REEL
 - B. QUANTITY: TBD

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

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	20-Jan-26	17664	RC



SCALE 1.500



SCALE 3.000
 RECOMMENDED MOUNTING HOLE DIMENSIONS
 ALL DRILL HOLES $\text{⌀} \text{ } \text{⌀} 0.05 \text{ } \text{Ⓜ} \text{ } \text{A} \text{ } (6x)$

CODING	PART NO.	COLOR OF HOUSING	RAL NO.
A	FM2-NARP-PCB-3	JET BLACK	9005
B	FM2-NBRP-PCB-3	PURE WHITE	9010
C	FM2-NCRP-PCB-3	LIGHT BLUE	5012
D	FM2-NDRP-PCB-3	CLARET VIOLET	4004
E	FM2-NERP-PCB-3	MAY GREEN	6017
F	FM2-NFRP-PCB-3	NUT BROWN	8011
G	FM2-NGRP-PCB-3	PLATINUM GREY	7036
H	FM2-NHRP-PCB-3	LIGHT PINK	3015
J	FM2-NJRP-PCB-3	BEIGE	1001
K	FM2-NKRP-PCB-3	CURRY	1027
N	FM2-NNRP-PCB-3	PASTEL GREEN	6019
Z	FM2-NZRP-PCB-3	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.

THIRD ANGLE PROJ. REFERENCE EAR# 12299

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 YANN LI ENGR.2 WENHUI DATE 09-Dec-25

TITLE MINI FAKRA R/A PCB MOUNT PLUG, TYPE A, 2 PORT SHEET NO. 2 OF 2 SCALE: 4.0:1.0

Amphenol RF

SIZE B	DRAWING NO. FM2-NXRP-PCB-3	REV A
	ITEM NO. FM2-NXRP-PCB-3	
	PART NO. FM2-NXRP-PCB-3	