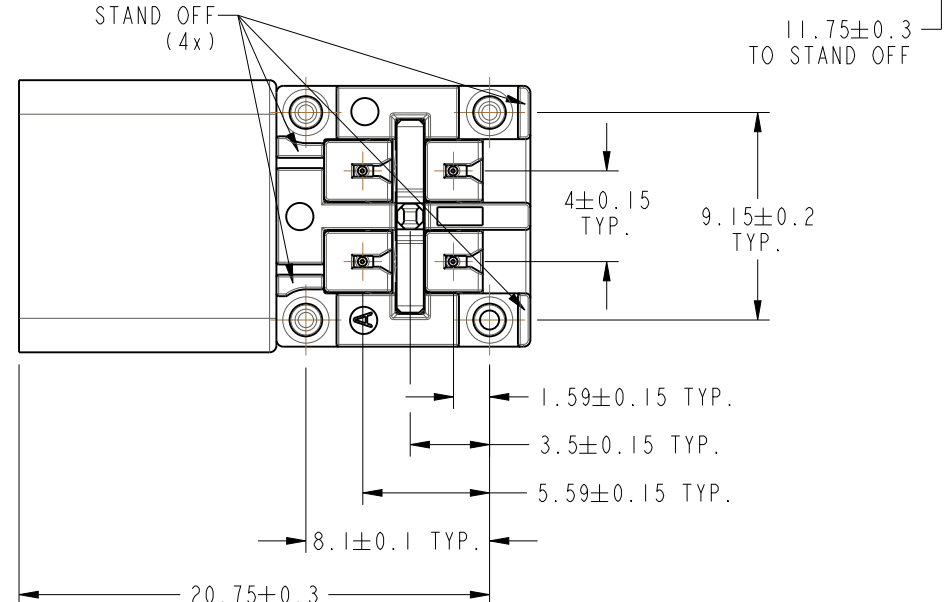
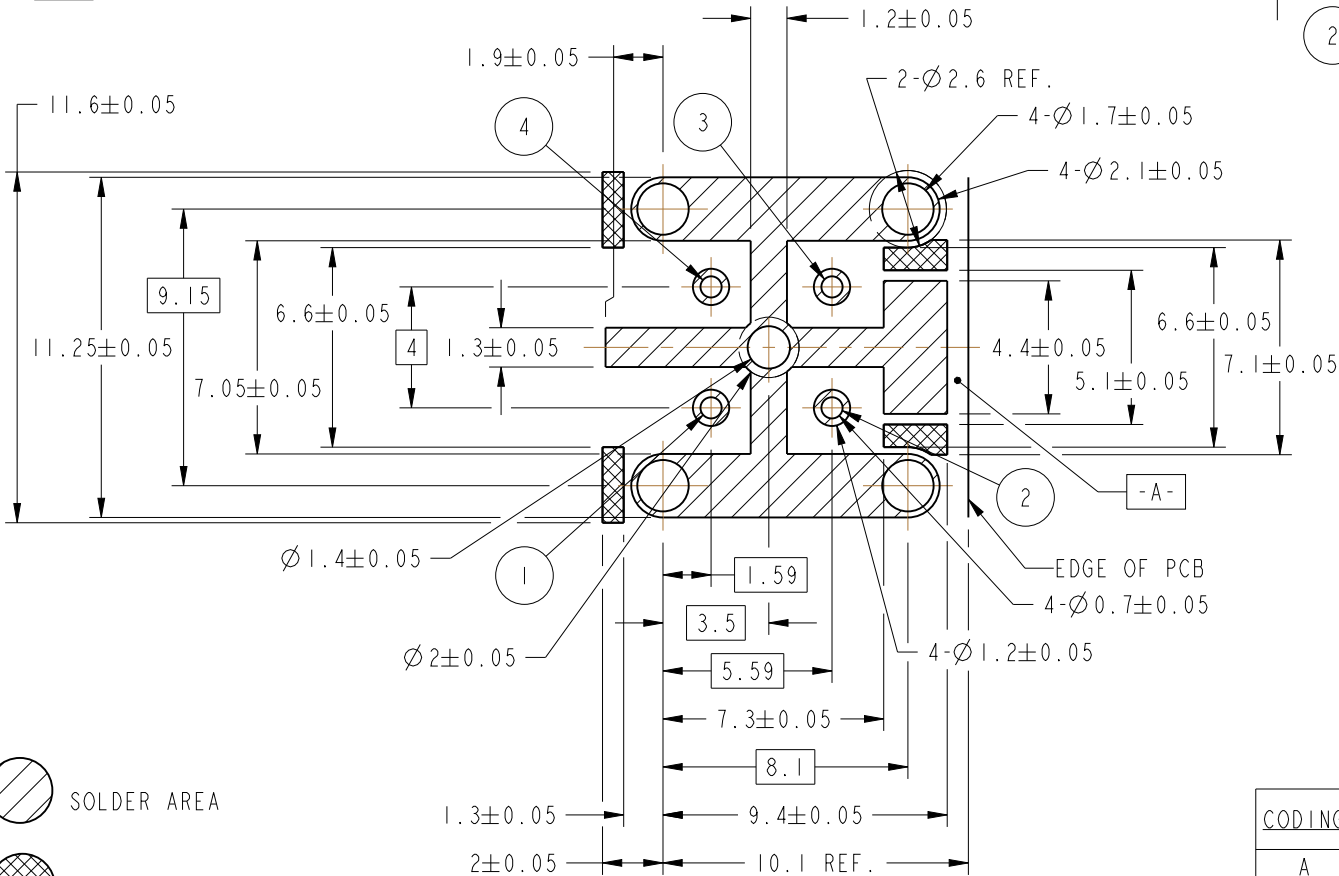
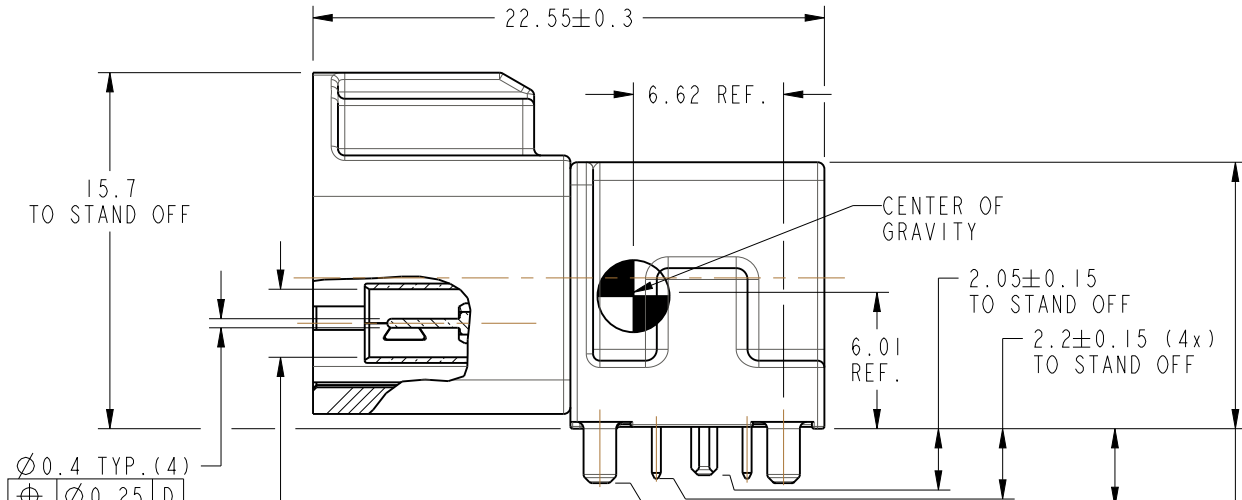
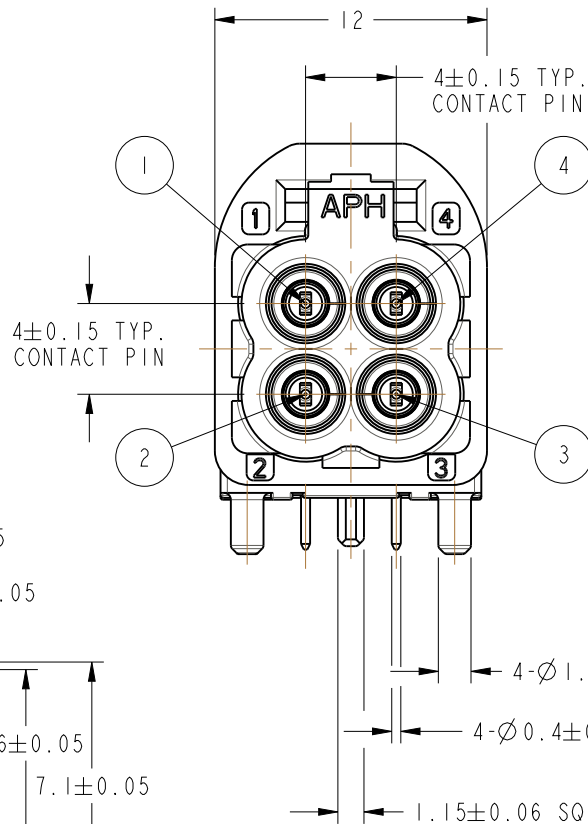
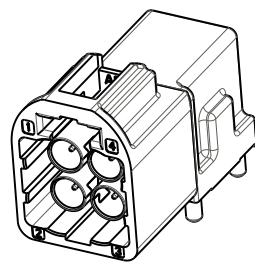


NOTES:

- 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  
 COVER - BRASS, MATTE TIN PLATED  
 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: 200 PCS/ REEL
- KDC=KEY DESIGN CHARACTERISTIC

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	08-DEC-25	17664	RC



SOLDER AREA  
 STAND OFF AREA, FREE OF SOLDER

SCALE 3.000  
 RECOMMENDED MOUNTING HOLE DIMENSIONS  
 $\varnothing \pm 0.05 \text{ (9x)}$

CODING	DN/PN	COLOR	RAL NO.
A	FM4-NARP-PCB-2	JET BLACK	9005
B	FM4-NBRP-PCB-2	PURE WHITE	9010
C	FM4-NCRP-PCB-2	LIGHT BLUE	5012
D	FM4-NDRP-PCB-2	CLARET VIOLET	4004
E	FM4-NERP-PCB-2	MAY GREEN	6017
F	FM4-NFRP-PCB-2	NUT BROWN	8011
G	FM4-NGRP-PCB-2	PLATINUM GREY	7036
Z	FM4-NZRP-PCB-2	WATER BLUE	5021

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

**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 = ±0.05mm [ $<0.020 = \pm 0.002$ ] 0.5 - 6mm = ±0.1mm [ $>0.020 - 0.236 = \pm 0.004$ ] >6.00 - 30mm = ±0.2mm [ $>0.236 - 1.181 = \pm 0.008$ ] >30.00 - 120mm = ±0.3mm [ $>1.181 - 4.725 = \pm 0.012$ ]		MATERIAL		TITLE MINI FAKRA R/A PCB MOUNT PLUG, QUAD		DRAWING NO. FM4-NXRP-PCB-2 ITEM NO. FM4-NXRP-PCB-2 PART NO. FM4-NXRP-PCB-2		REV A
THIRD ANGLE PROJ.	REFERENCE	EAR# 12234	ANGLES = ±1°		ENGR.1 WENDY.W	ENGR.2 WENHUI.Z	DATE 08-DEC-25	SHEET NO. 3 OF 3	SCALE: 3.0:1.0	B