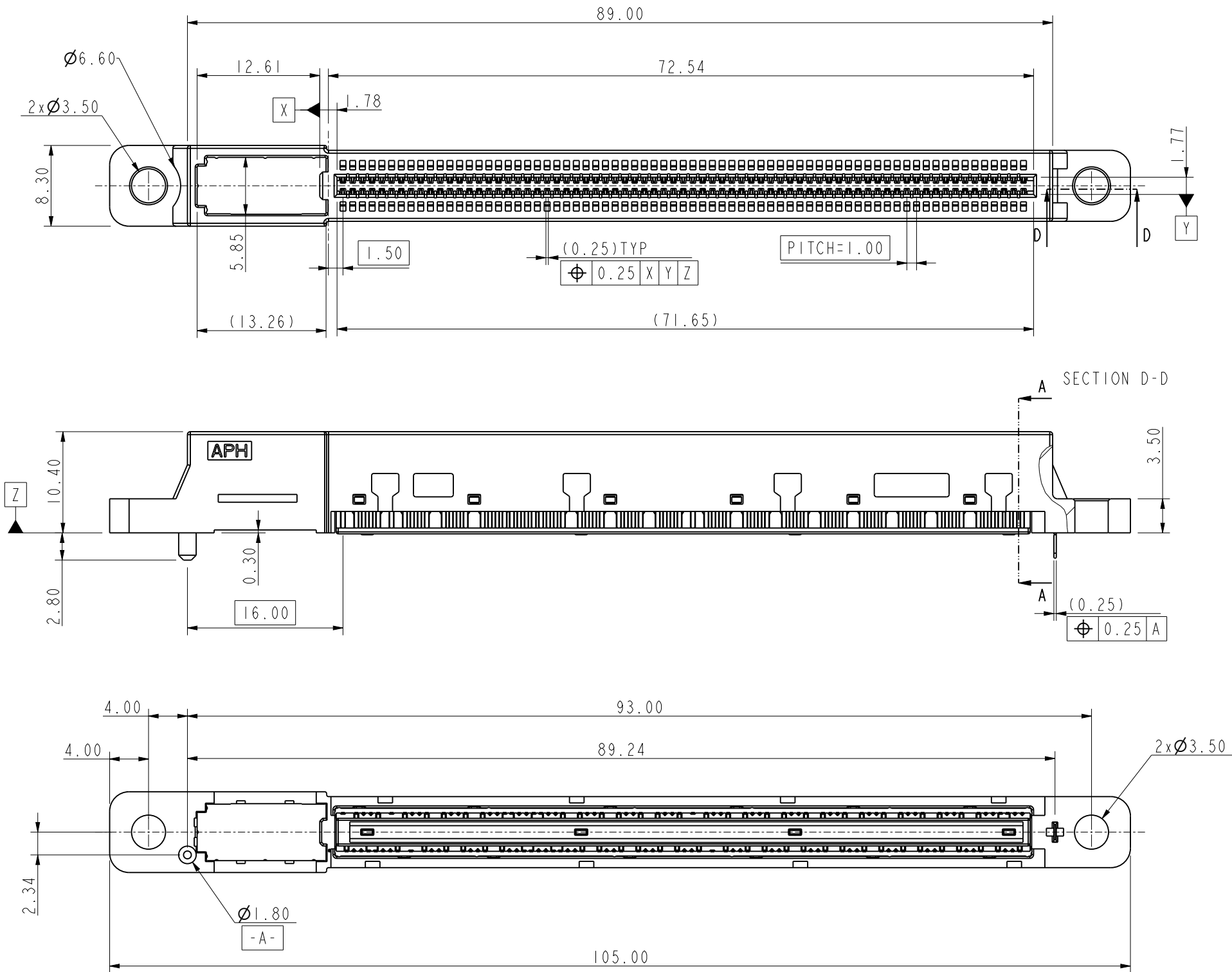
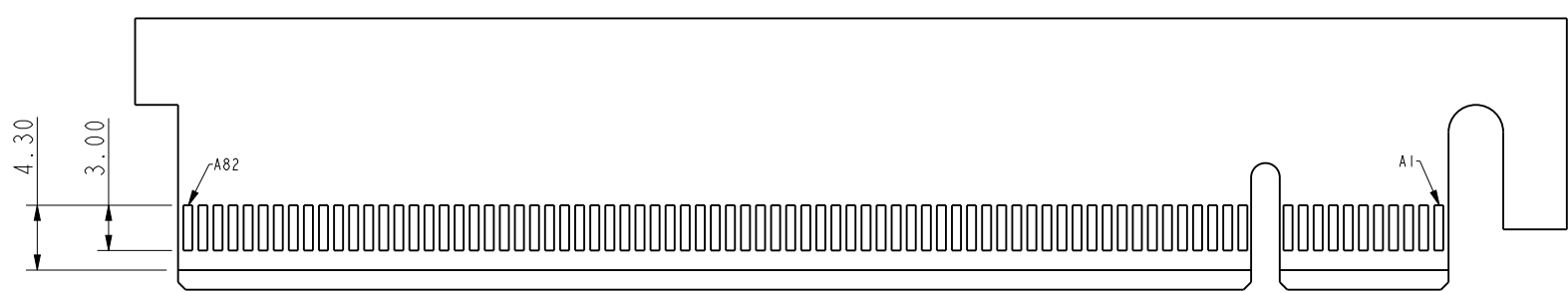
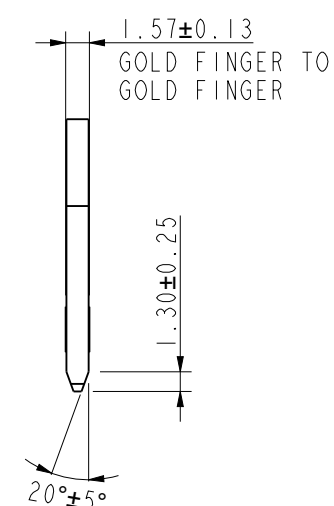
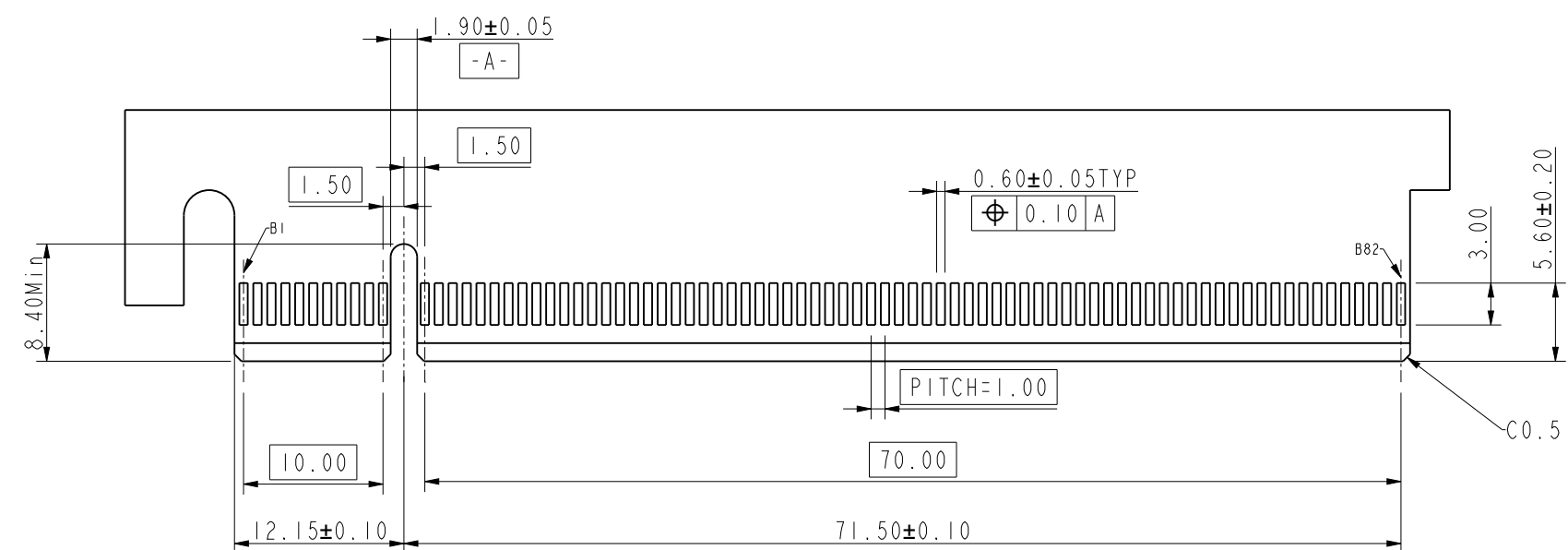


revision history				
rev	ecn no	description	dr	date
X1	-	PROPOSAL	MO	2024/08/12
X2	-	UPDATE	MO	2024/08/23



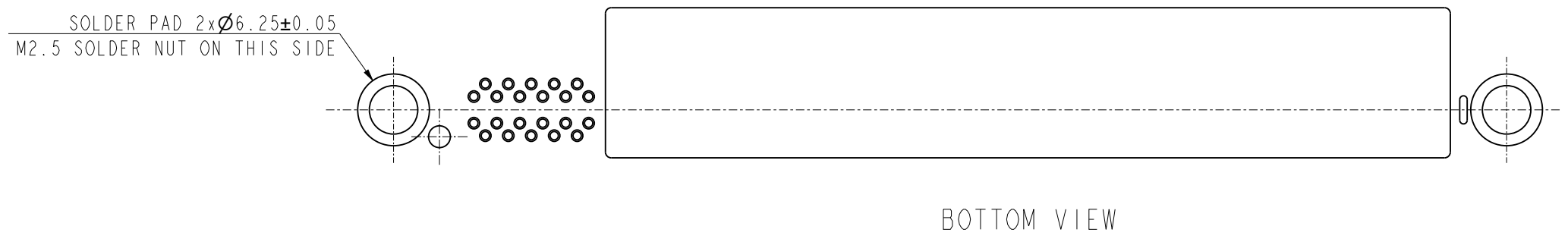
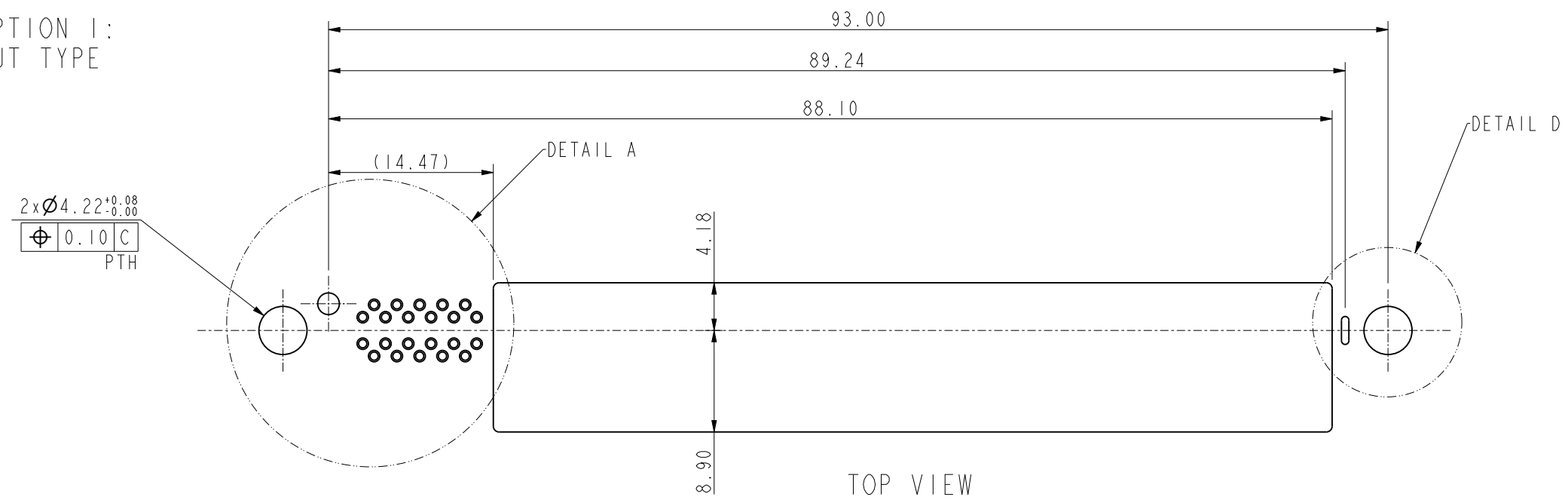
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tolerance std				eng		Mark.qiu		Aug.23,2024					ecn no				1:1		A3										
TOLERANCES UNLESS OTHERWISE SPECIFIED				rvwr									amphenol-icc.com				rel level				PROPOSAL								
				appr																									
surface ✓				linear		0.X		±0.30		projection		title		PCIE DA CONNECTOR SERIES						dwg no		C CEMDA142014020X						rev	
						0.XX		±0.20																					
						0.XXX		±0.05																					
				angular		0°		±2°		product family												sheet 1 of 6							



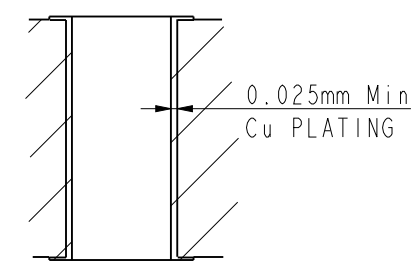
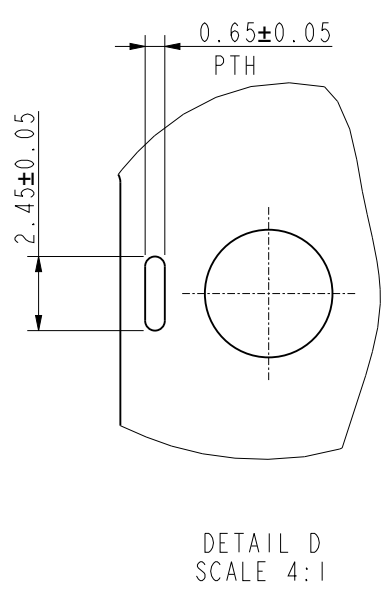
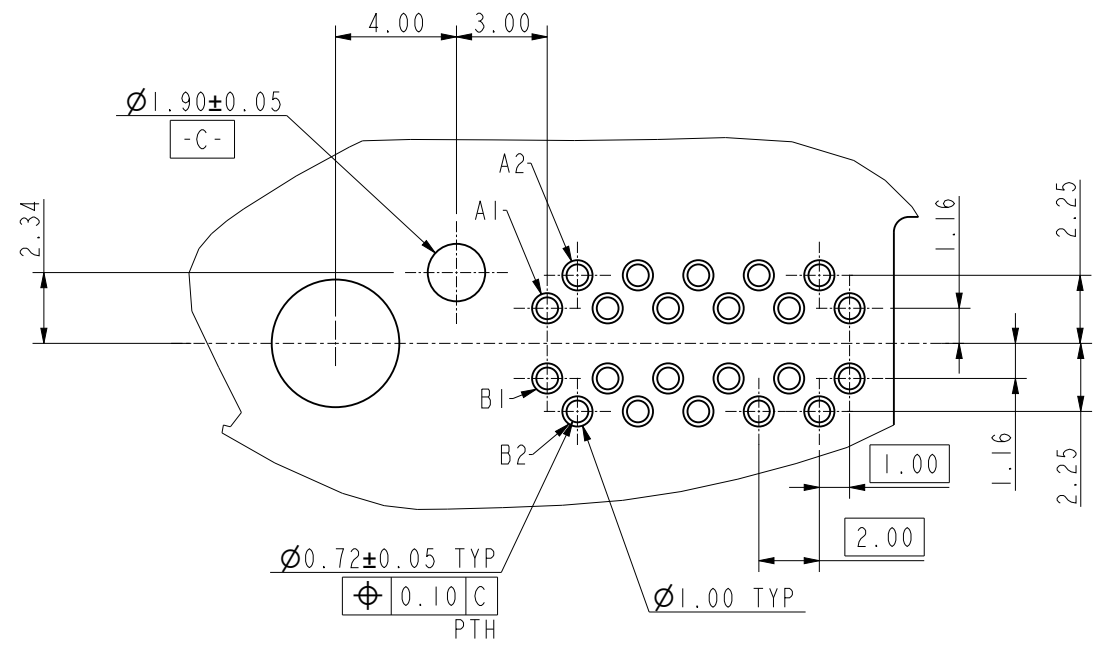
RECOMMEND LAY OUT FOR MATING CARD, THICKNESS=1.57±0.13mm
GENERAL TOLERANCE ±0.05mm

spec ref				dr		Mark.qiu		Aug.23,2024		Amphenol		mm		scale		size					
tolerance std				eng		Mark.qiu		Aug.23,2024				ecn no									
				rvwr																	
				appr								amphenol-icc.com						rel level		PROPOSAL	
surface				linear		0.X		±0.30		projection		title		PCIE DA CONNECTOR SERIES		dwg no		C CEMDAI420I4020X		rev	
						0.XX		±0.20													
						0.XXX		±0.05													
						angular		0°													

PCB LAYOUT OPTION 1:
SOLDER NUT TYPE

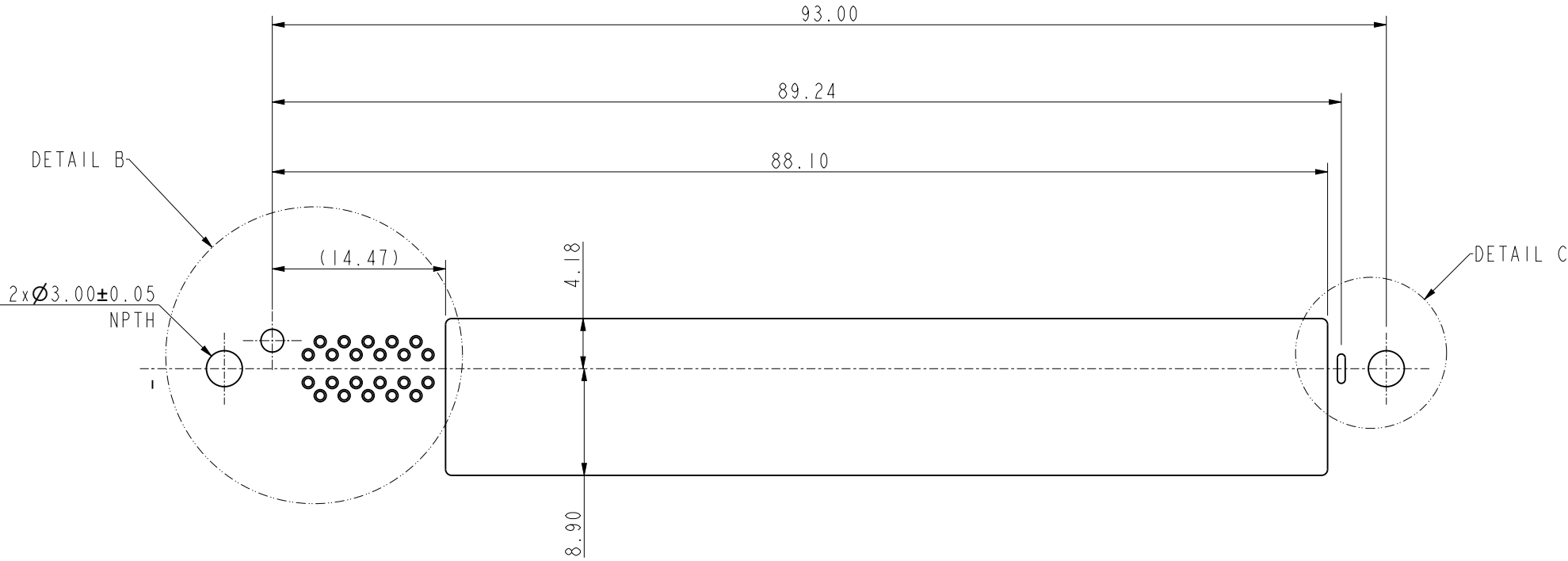


RECOMMEND PCB LAYOUT
GENERAL TOLERANCE ± 0.05 mm

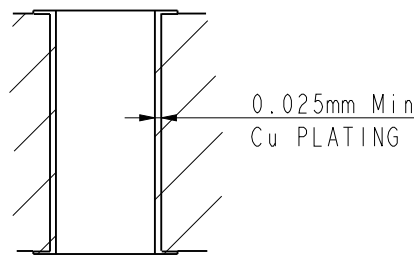
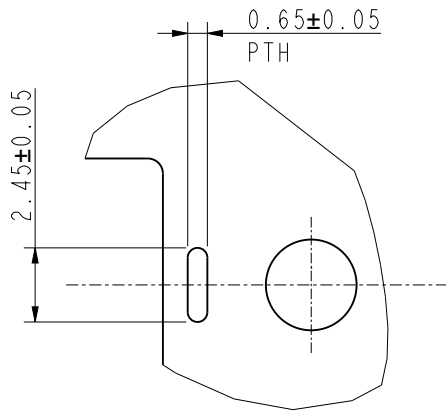
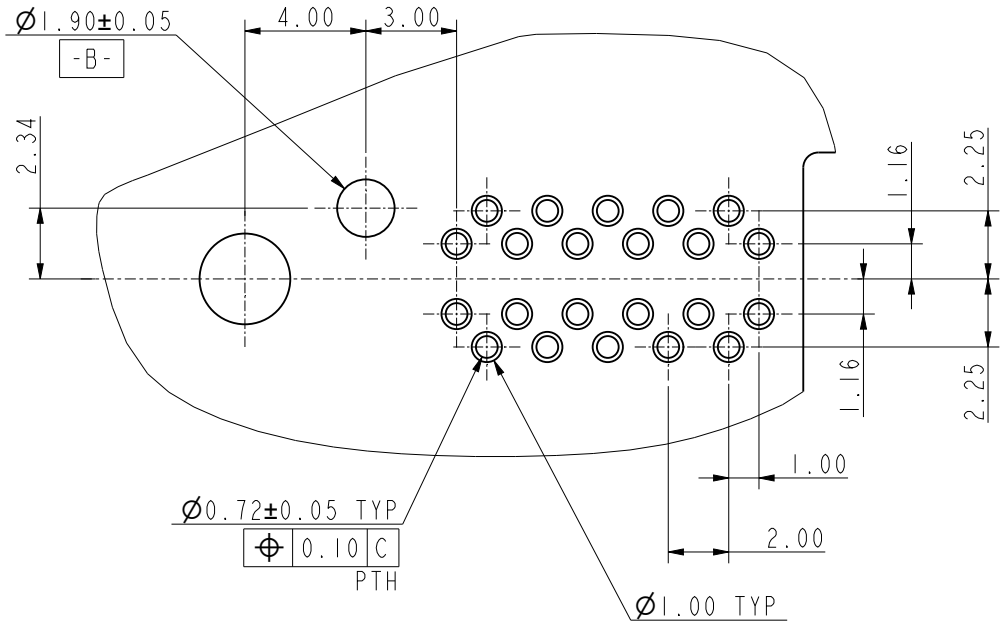


spec ref				dr		Mark.qiu		Aug.23,2024		Amphenol		mm		scale		size					
tolerance std				eng		Mark.qiu		Aug.23,2024				ecn no									
				rvwr																	
				appr																	
										amphenol-icc.com		rel level						PROPOSAL			
surface				linear		0.X		±0.30		projection		title		PCIE DA CONNECTOR SERIES		dwg no		C CEMDAI420I4020X		rev	
						0.XX		±0.05													
						0.XXX		±0.04													
						angular		0°													

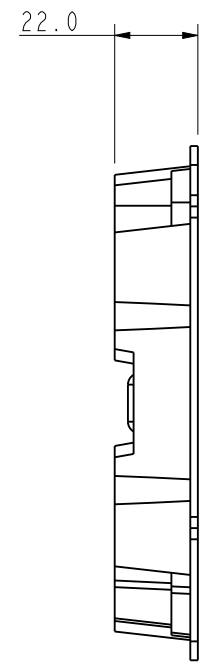
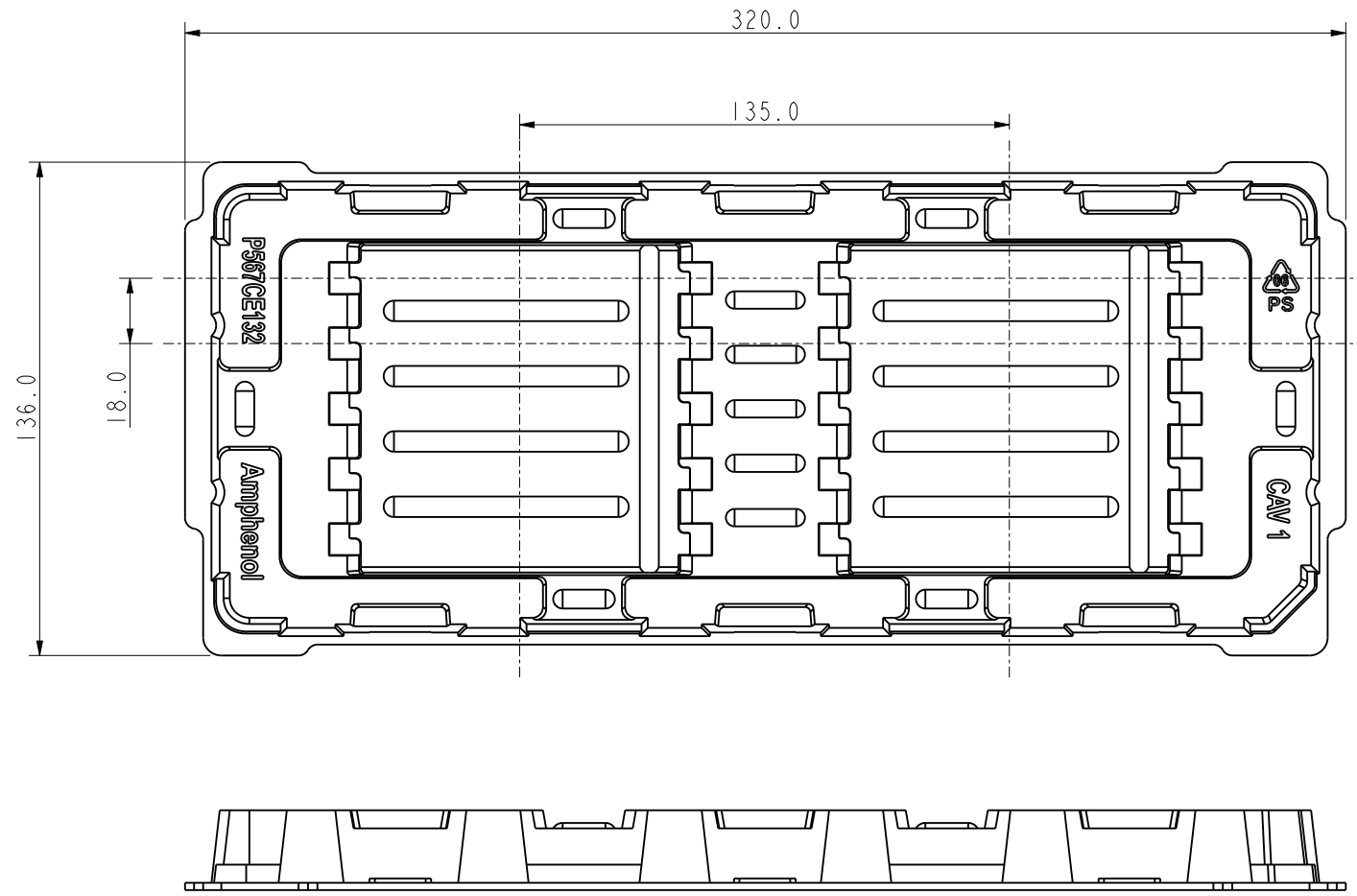
PCB LAYOUT OPTION 2:
STD NUT TYPE



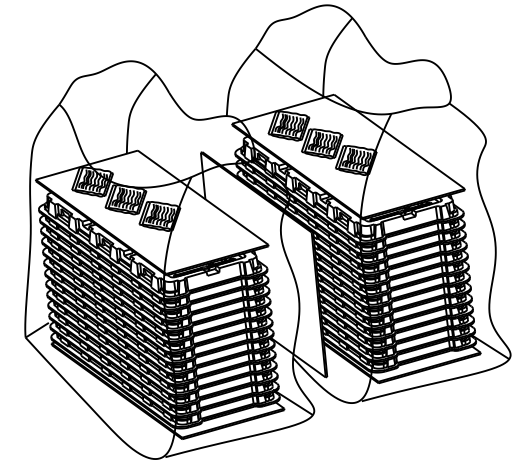
RECOMMEND PCB LAYOUT
GENERAL TOLERANCE $\pm 0.05\text{mm}$



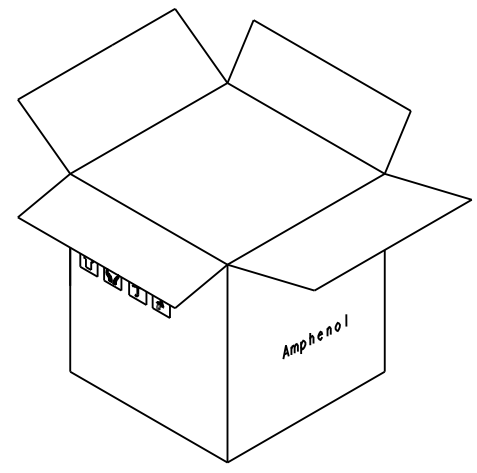
spec ref				dr		Mark.qiu		Aug.23,2024		Amphenol				mm		scale		size							
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng						Mark.qiu		Aug.23,2024		ecn no				rel level PROPOSAL			
								rvwr																	
								appr																	
										amphenol-icc.com															
surface				linear		0.X		±0.30		projection		title		PCIE DA CONNECTOR SERIES				deg no		C CEMDAI420I4020X				rev	
						0.XX		±0.05																	
						0.XXX		±0.04																	
						angular		0°																	
														DIRECT ATTACH 2PCS X16 WELDING											
														product family								sheet 4 of 6			



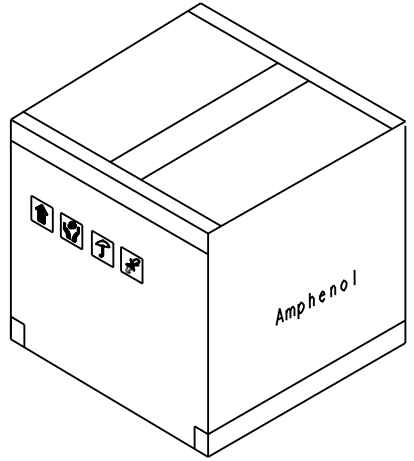
PACKING IN BAG



PUT IN CARTON



SEALING CARTON



NOTE:
1. TRAY MATERIAL: PS BLACK
2. PACKING QTR: 10PCS/TRAY
160PCS/CARTON

spec ref				dr		Mark.qiu		Aug.23,2024		Amphenol			mm		scale		size		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Mark.qiu		Aug.23,2024					ecn no		1:1		A3		
				rvwr															
				appr						amphenol-icc.com			rel level		PROPOSAL				
surface		linear		0.X		±3.00		projection		title		PCIE DA CONNECTOR SERIES		dwg no		C CEMDA142014020X		rev	
				0.XX		±2.00													
				0.XXX		±0.10								cat. no.		X2			
		angular		0°		±2°		product family				sheet 5 of 6							

PRODUCT NUMBER CODE

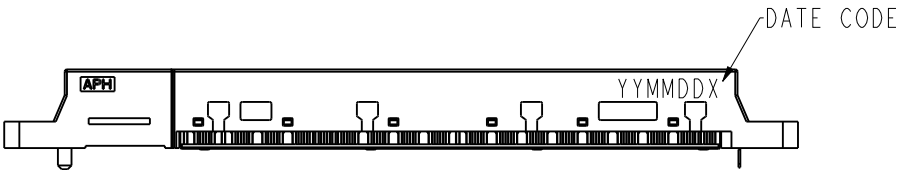
NOTES:

- 1. MATERIAL:
HOUSING: HIGH PERFORMANCE RESIN, GLASS FILLED, BLACK, UL 94V-0
CONTACT: COPPER ALLOY.
- 2. PLATING:
CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
MATING AREA: SEE PRODUCT NUMBER CODE.
SOLDER AREA: 20u"-80u" TIN.
- 3. ELECTRICAL PERFORMANCE(85ohm):
RATED CURRENT FOR SIGNAL PIN:0.7A/PIN
- 4. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC # SSN002 AND MEET HALOGEN FREE.
- 5. DATE CODE "YYMMDDX", YYMMDD IS ASSEMBLY DATE.
- 6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 7. THERE IS GROUND BUSSING WITHIN THE CONNECTOR SYSTEM. FOR DIFFERENTIAL PAIR'S GROUND LOCATION, PLEASE REFER TO THE CONNECTOR PINOUT TABLE FROM CHAPTER 6 OF PCI EXPRESS CARD ELECTROMECHANICAL SPECIFICATION.
- 8. RECOMMENDATION SCREW: M2.5.

CEMDAI42014020X

NO. OF POSITION
142:142 POSITIONS

PLATING SPEC
1 0.76um Au
2 0.38um Au
3 GOLD FLASH



spec ref				dr		Mark.qiu		Aug.23,2024		Amphenol				mm		scale		size							
tolerance std				eng		Mark.qiu		Aug.23,2024						ecn no				1:1				A3			
				rvwr																					
				appr																					
										amphenol-icc.com				rel level				PROPOSAL							
surface				linear		0.X		±0.30		projection		title		PCIE DA CONNECTOR SERIES				diag no		C CEMDAI42014020X				rev	
						0.XX		±0.20																	
						0.XXX		±0.05																	
						angular		0°																	
														DIRECT ATTACH 2PCS XI6 WELDING						cat. no.				X2	
														product family								sheet 6 of 6			