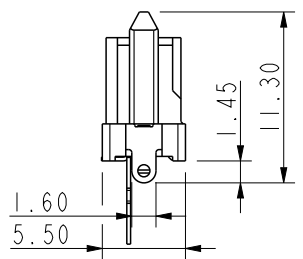
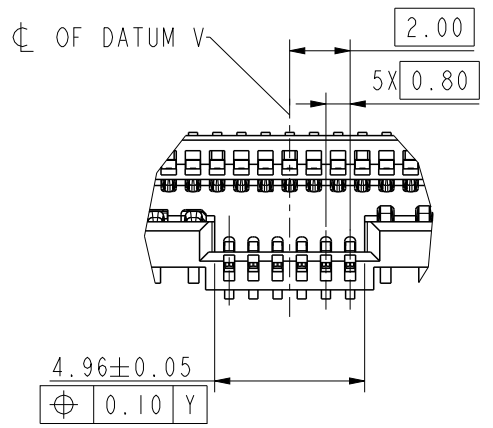
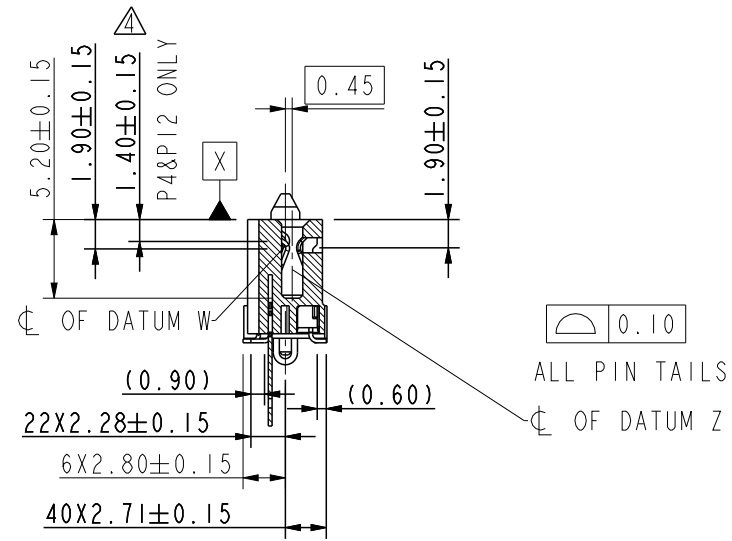
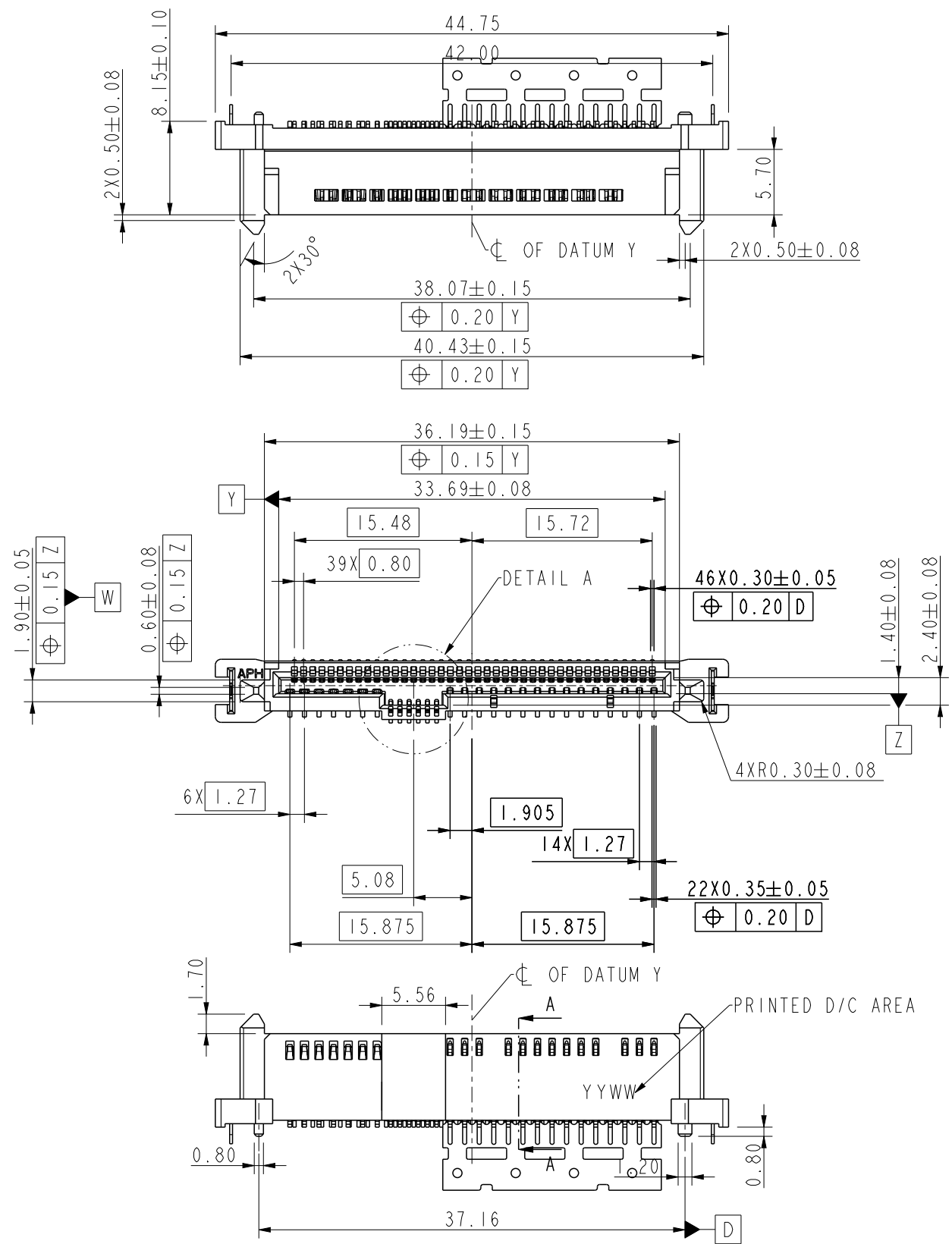


revision history				
rev	ecn no	description	dr	date
XI	ELX-CD-FXXXX-I	PROPOSAL DRAWING	Teng	2023/04/25
A	ELX-CD-F3265-I	FIRST RELEASE	Teng	2023/09/05
-	-	-	-	YYYY/MM/DD



spec ref				dr		Teng Cao	2026/07/01	Amphenol				mm		scale	2:1	size	A3									
tolerance std				eng								Teng Cao	2026/07/01	ecn no						ELX-CD-295500-1						
				rvwr								-				rel level						Released				
				appr				XD Hu	2026/07/07	amphenol-icc.com																
surface ✓				linear		0.X		±0.50		projection		title		PCIe/SAS VERTICAL SMT				dwg no	PSAS5F3I3024XXX				rev		A	
						0.XX		±0.25																		
						0.XXX		±0.20																		
				angular		0°		±3°		product family				PSAS				sheet 1 of 3								

NOTE:

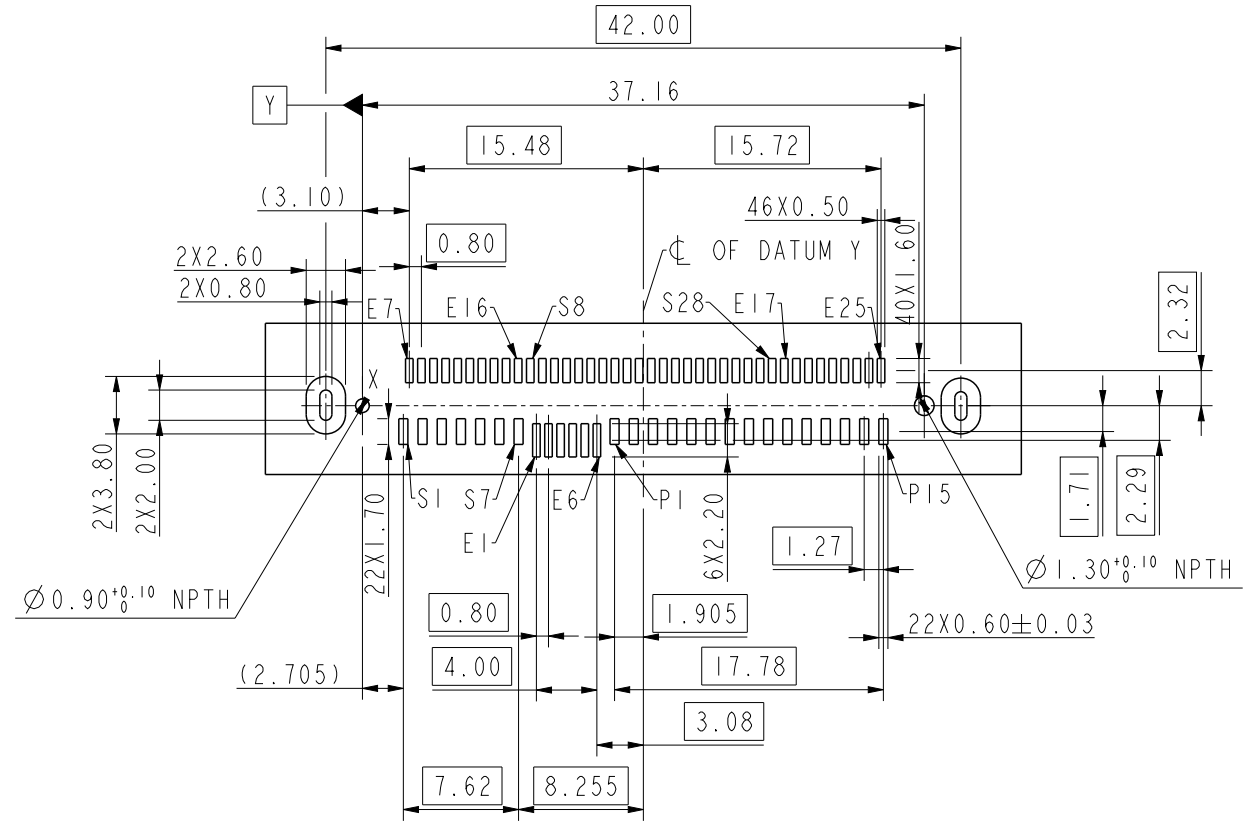
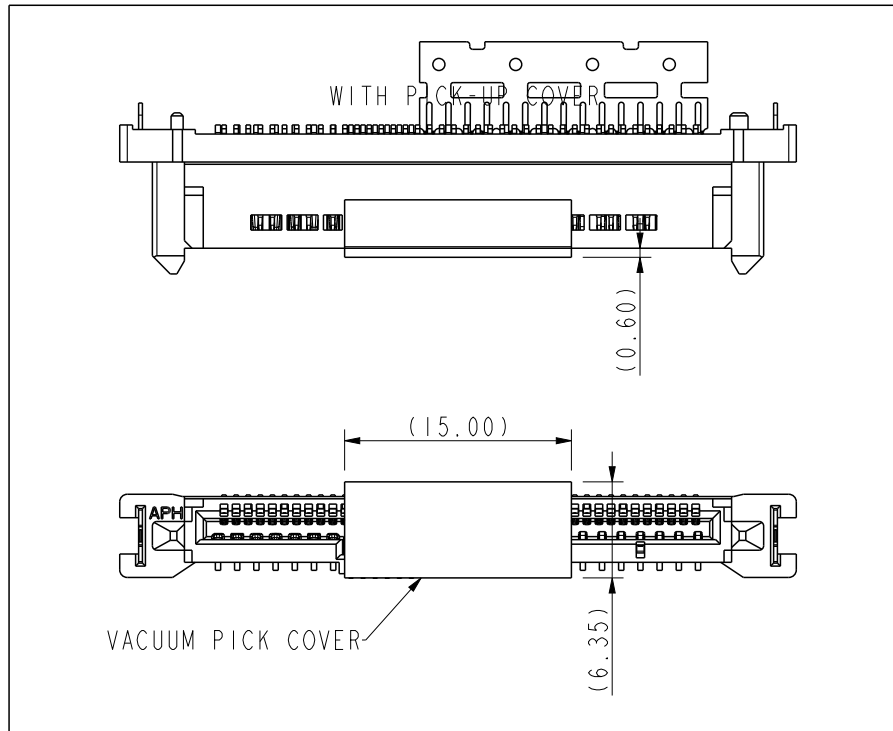
- MATERIAL:
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94-V0, HALOGEN FREE.
 - CONTACT: PHOSPHOR BRONZE
 - BOARD LOCK: COPPER ALLOY
- PLATING:
 - CONTACTS: MATING AREA PLEASE REFER TO PN SYSTEM, 1.27um MIN Ni UNDERPLATED
SOLDER TAIL 2.54um MIN MATTE TIN, 1.27um MIN Ni UNDERPLATED
 - BOARD LOCK: 2.54um MIN MATTE TIN 1.27um MIN Ni UNDERPLATED
- ELECTRICAL PERFORMANCE:
 - CURRENT RATING: 1.5A/PER PIN (POWER SECTION).
 - CONTACT RESISTANCE: 30mΩ MAX (INITIAL)
 - INSULATION RESISTANCE: 1000MΩ MIN
 - DIELECTRIC STRENGTH: 500 VAC FOR 1 MINUTE
 - OPERATION TEMPERATURE: -55°C~+105°C
- PREMATING AT P4 & P12.
- SUPPORT PCIe GEN5.
- ALL GND PINS CONNECT TOGETHER:
E9, E12, E15, S8, S11, S14, S16, S19, S22, S25, S28, E19, E22
- MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC#S-SN-002 AND SPEC#S-SN-004
- ORDER P/N SYSTEM: PSAS5F3I3024XXX

MATING AREA PLATING

- 0.76um MIN Au.
- 0.38um MIN Au.
- GOLD FLASH

PACKING SYSTEM

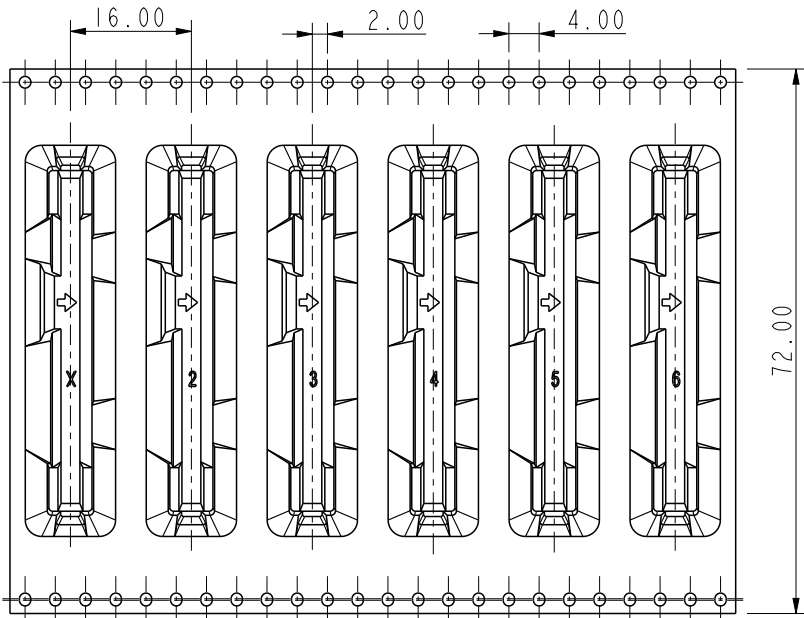
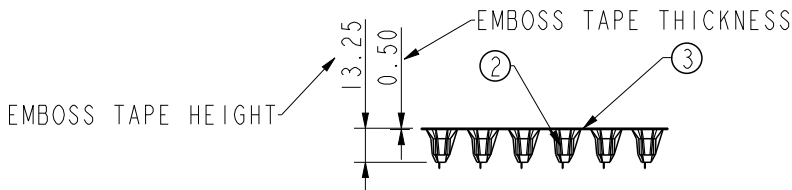
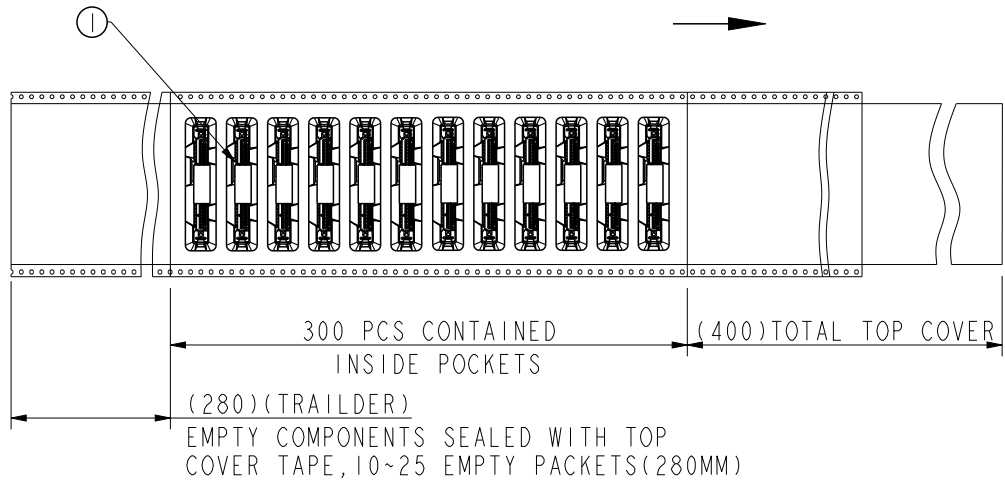
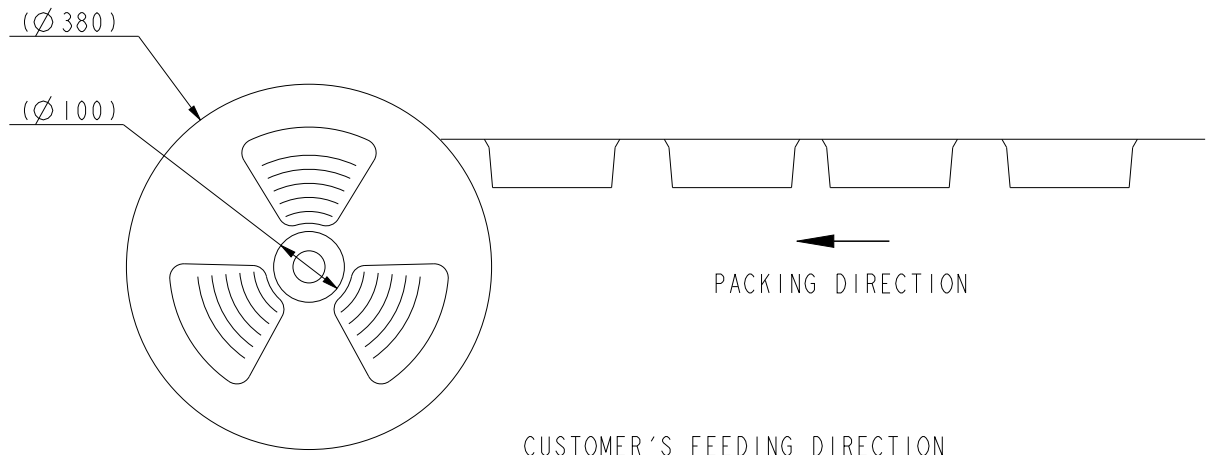
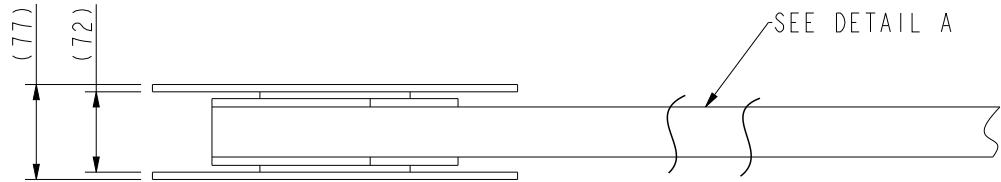
- C- TRAY WITH PICK-UP CAP
TR- TAPE AND REEL WITH PICK-UP CAP
NT- TAPE AND REEL WITHOUT PICK-UP CAP



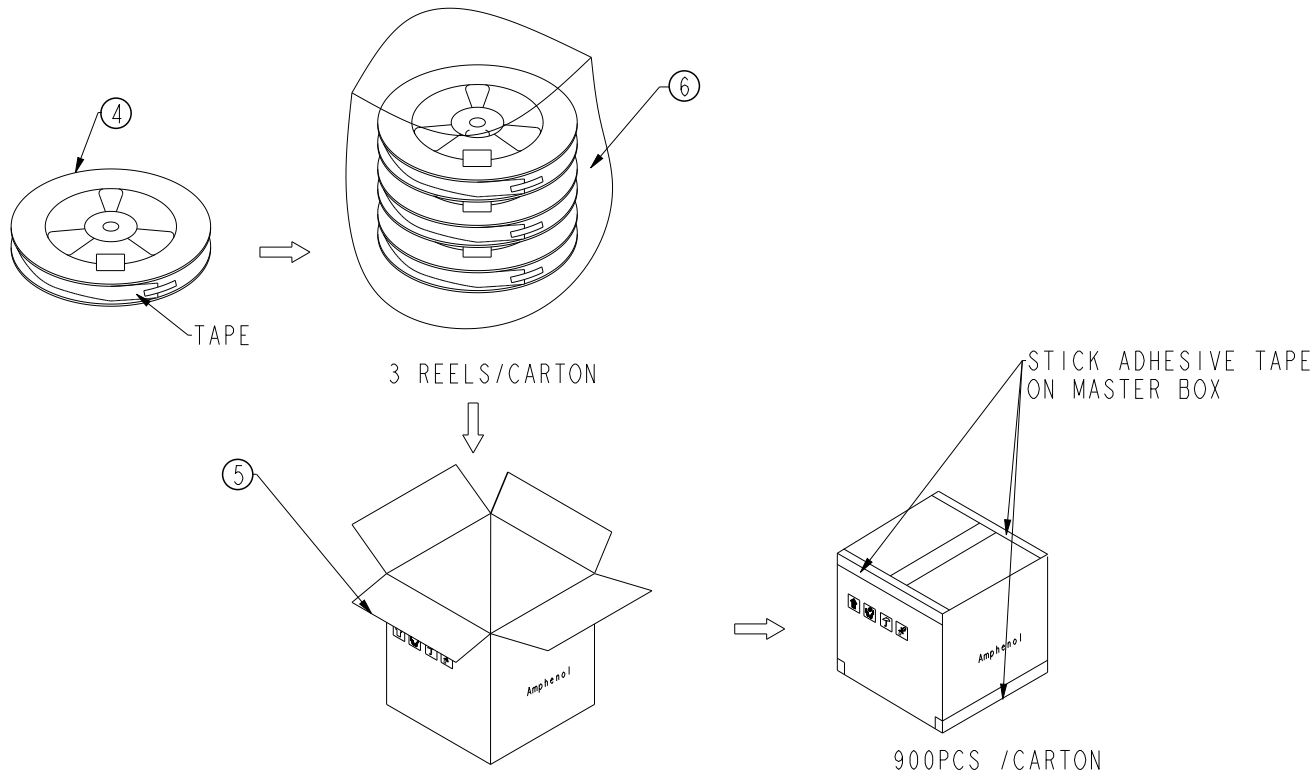
RECOMMENDED PCB LAYOUT(TOP VIEW)
GENERAL TOLERANCE ±0.05(PCB THICKNESS:1.0~2.0MM)

spec ref				dr		Teng Cao		2026/07/01		Amphenol				mm		scale		size					
tolerance std				eng		Teng Cao		2026/07/01						←→				2:1		A3			
				rvwr		-		-															
				appr		XD Hu		2026/07/07										ecn no				ELX-CD-295500-1	
										amphenol-icc.com				rel level				Released					
surface				linear		0.X		±0.50		projection		title		PCIe/SAS VERTICAL SMT		dwg no		PSAS5F3I3024XXX				rev	
						0.XX		±0.25															
						0.XXX		±0.20															
						angular		0°		±3°													
																		</					

revision history				
rev	ecn no	description	dr	date
-	----	REFER TO SHEET 1	-	-



DETAIL A



6	PLASTIC BAG	NA
5	MASTER BOX	CORRUGATED FIBERBOARD
4	PP REEL	PP
3	TOP COVER TAPE	PET
2	EMBOSS TAPE	POLYSTYRENE
1	CONNECTOR	NA
ITEM	DESCRIPTION	MATERIAL

spec ref				dr		Teng Cao		2026/07/01		Amphenol				mm		scale		size															
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Teng Cao		2026/07/01						ecn no				ELX-CD-295500-1															
				rvwr		-		-						rel level				Released															
				appr		XD Hu		2026/07/07						amphenol-icc.com																			
surface		✓		linear		0.X		±0.50		projection				title		PCIe/SAS VERTICAL SMT				dwg no		PSAS5F313024XXX				rev		A					
		angular		0°		±3°																											
						product family						PSAS						sheet 3 of 3															