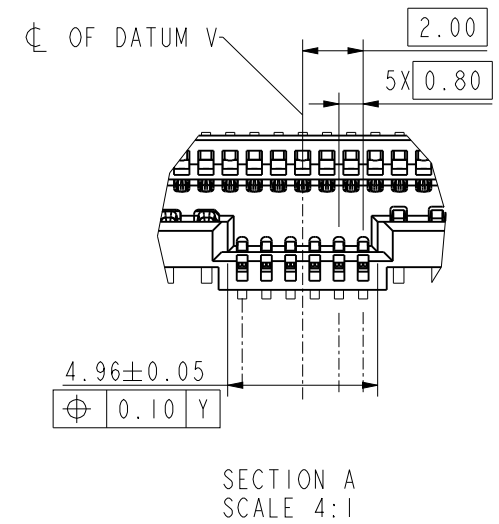


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spec ref				dr		Teng.Cao		Sep.21,2023		Amphenol mm scale 2:1 size A3									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Teng.Cao		Sep.21,2023						ecn no		ELX-CD-FXXXX-1			
				rvwr										rel level		RELEASE			
				appr						amphenol-icc.com									
surface ✓		linear		0.X		±0.50		projection		title		PCIe/SAS VERTICAL SMT		dwg no		PSAS5F3I30I6XXX		rev	
				0.XX		±0.25													
				0.XXX		±0.20													
				angular		0°		±3°						product family		PSAS		sheet 1 of 3	



NOTE:

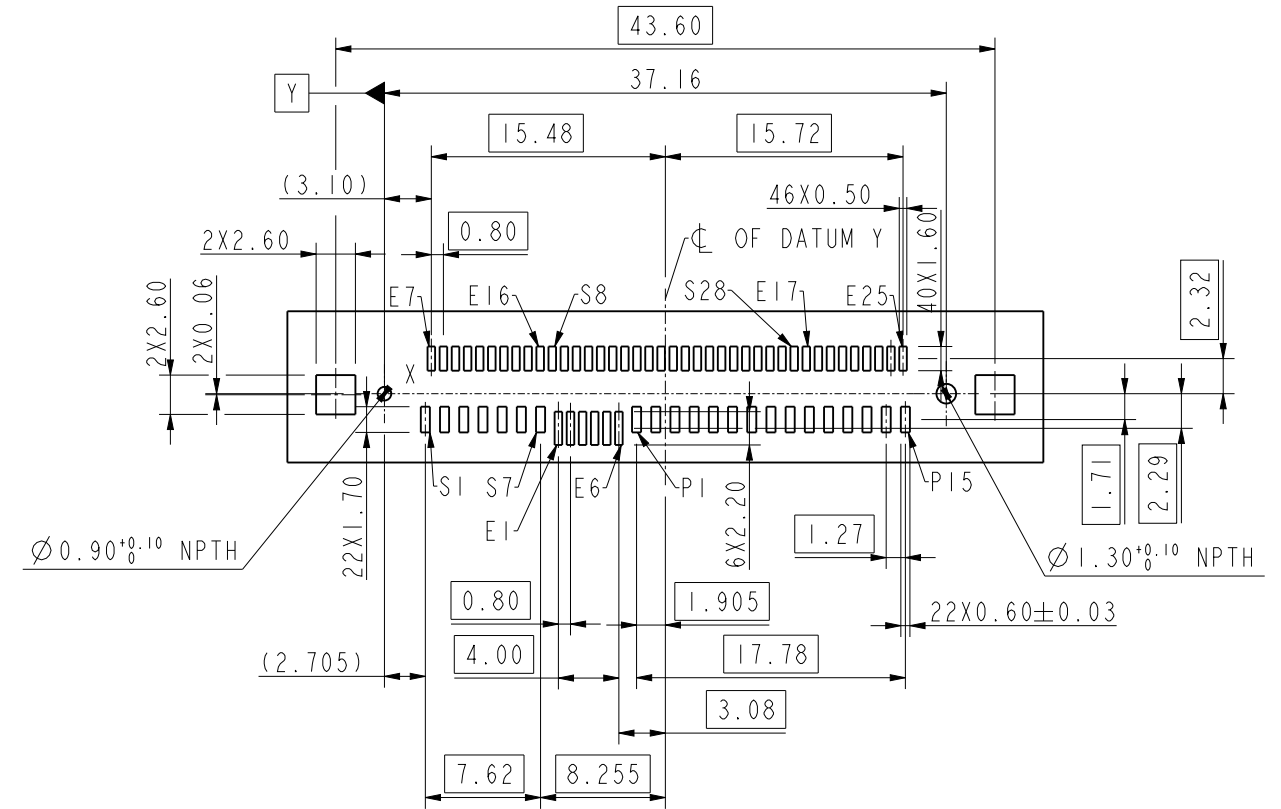
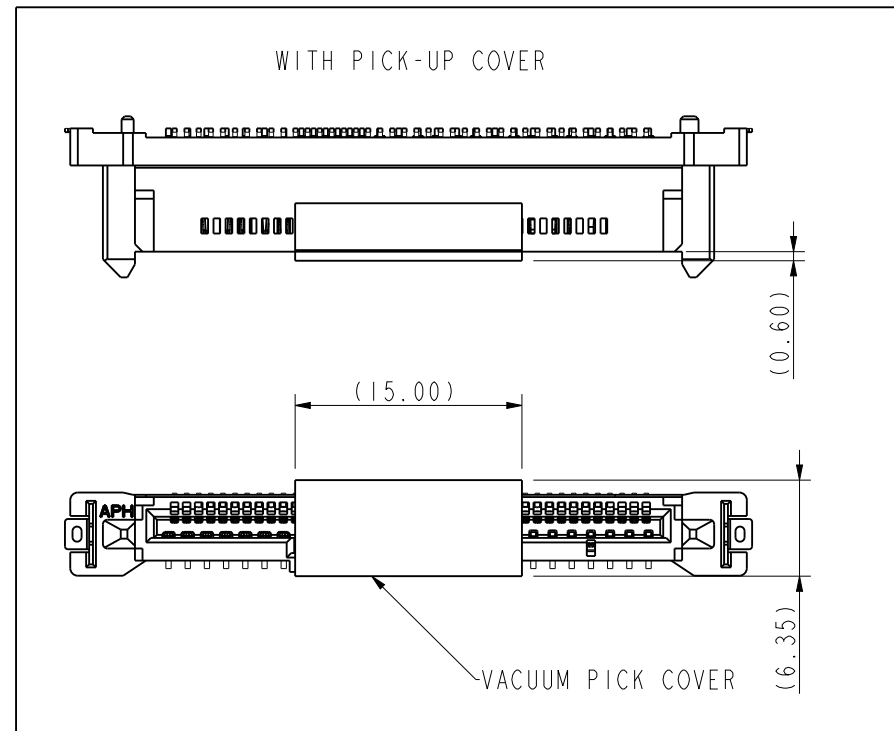
1. MATERIAL:
 - 1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK, UL94-V0, HALOGEN FREE.
 - 1.2 CONTACT: PHOSPHOR BRONZE
 - 1.3 BOARD LOCK: COPPER ALLOY
2. PLATING:
 - 2.1 CONTACTS: MATING AREA PLEASE REFER TO PN SYSTEM, 1.27um MIN Ni UNDERPLATED SOLDER TAIL 2.54um MIN MATTE TIN, 1.27um MIN Ni UNDERPLATED
 - 2.2 BOARD LOCK: 2.54um MIN MATTE TIN 1.27um MIN Ni UNDERPLATED
3. ELECTRICAL PERFORMANCE:
 - 3.1 CURRENT RATING: 1.5A/PER PIN (POWER SECTION).
 - 3.2 CONTACT RESISTANCE: 30mΩ MAX (INITIAL)
 - 3.3 INSULATION RESISTANCE: 1000MΩ MIN
 - 3.4 DIELECTRIC STRENGTH: 500 VAC FOR 1 MINUTE
 - 3.5 OPERATION TEMPERATURE: -55°C~+105°C
4. PREMATING AT P4 & P12.
5. SUPPORT PCIe GEN5.
6. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC#S-SN-002.
7. ALL GND PINS CONNECT TOGETHER.
S1, S4, S7, E9, E12, E15, S8, S11, S14, S16, S19, S22, S25, S28, E19, E22
8. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC#S-SN-002 AND SPEC#S-SN-004
9. ORDER P/N SYSTEM: PSAS5F3I30I6XXX

MATING AREA PLATING

- 1- 0.76um MIN Au.
- 2- 0.38um MIN Au.
- 3- GOLD FLASH

PACKING SYSTEM

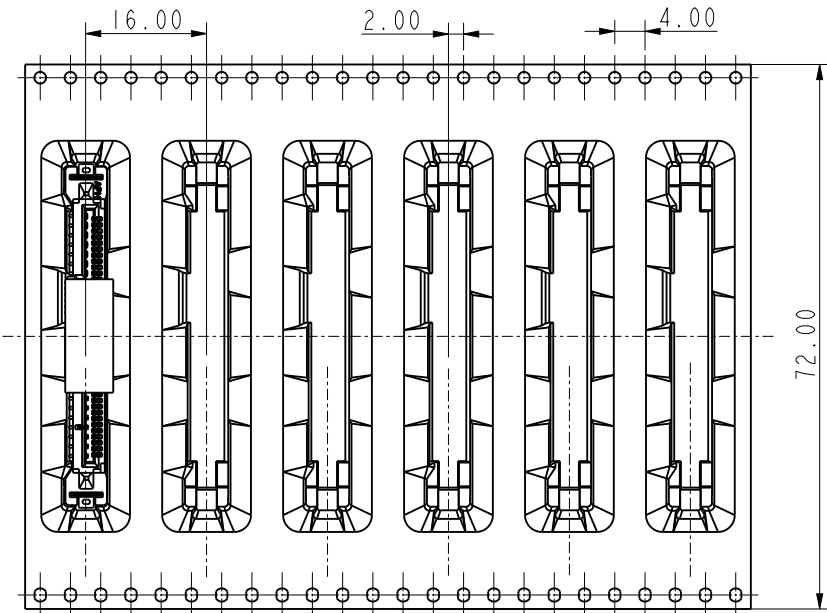
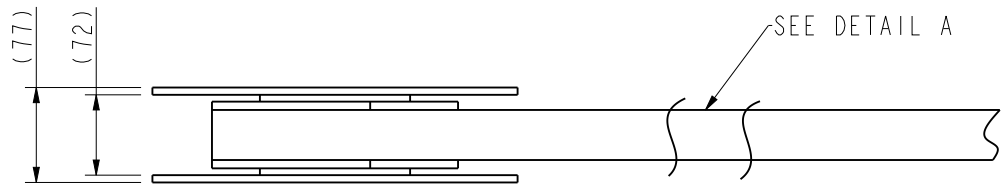
- NIL- TRAY WITHOUT PICK-UP CAP
C- TRAY WITH PICK-UP CAP
TR- TAPE AND REEL WITH PICK-UP CAP
NT- TAPE AND REEL WITHOUT PICK-UP CAP



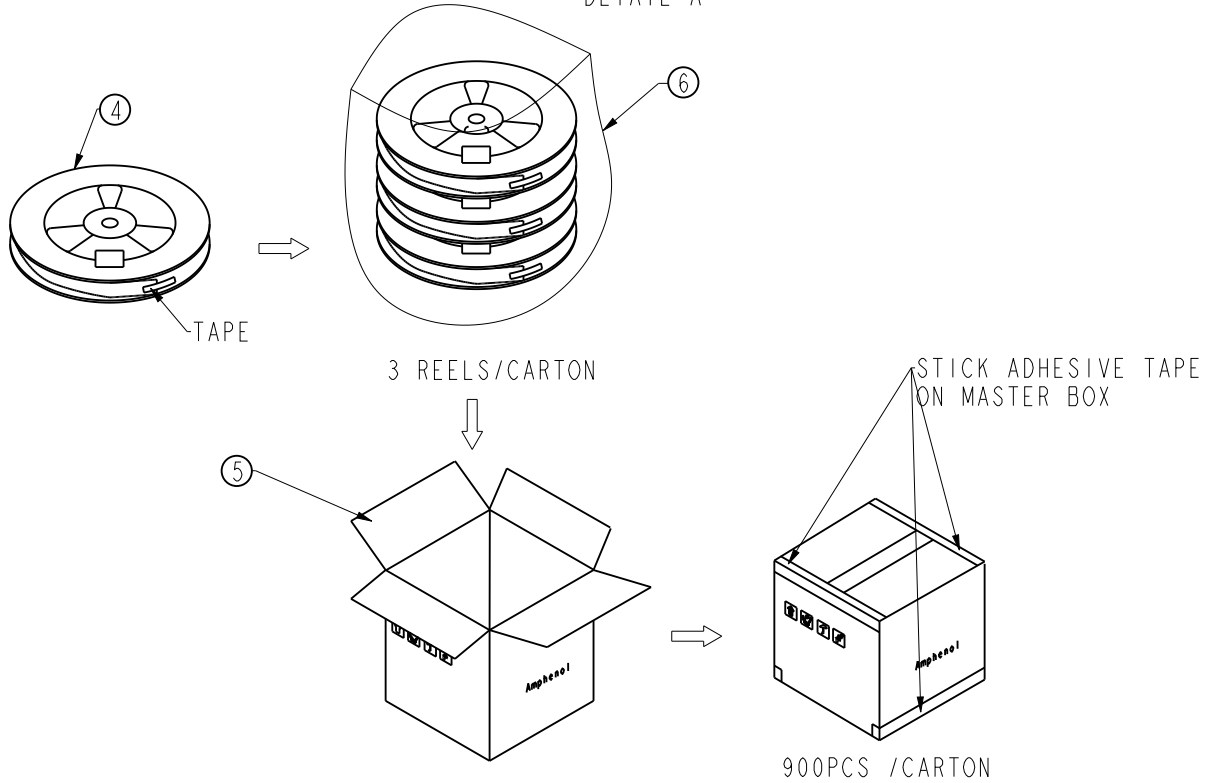
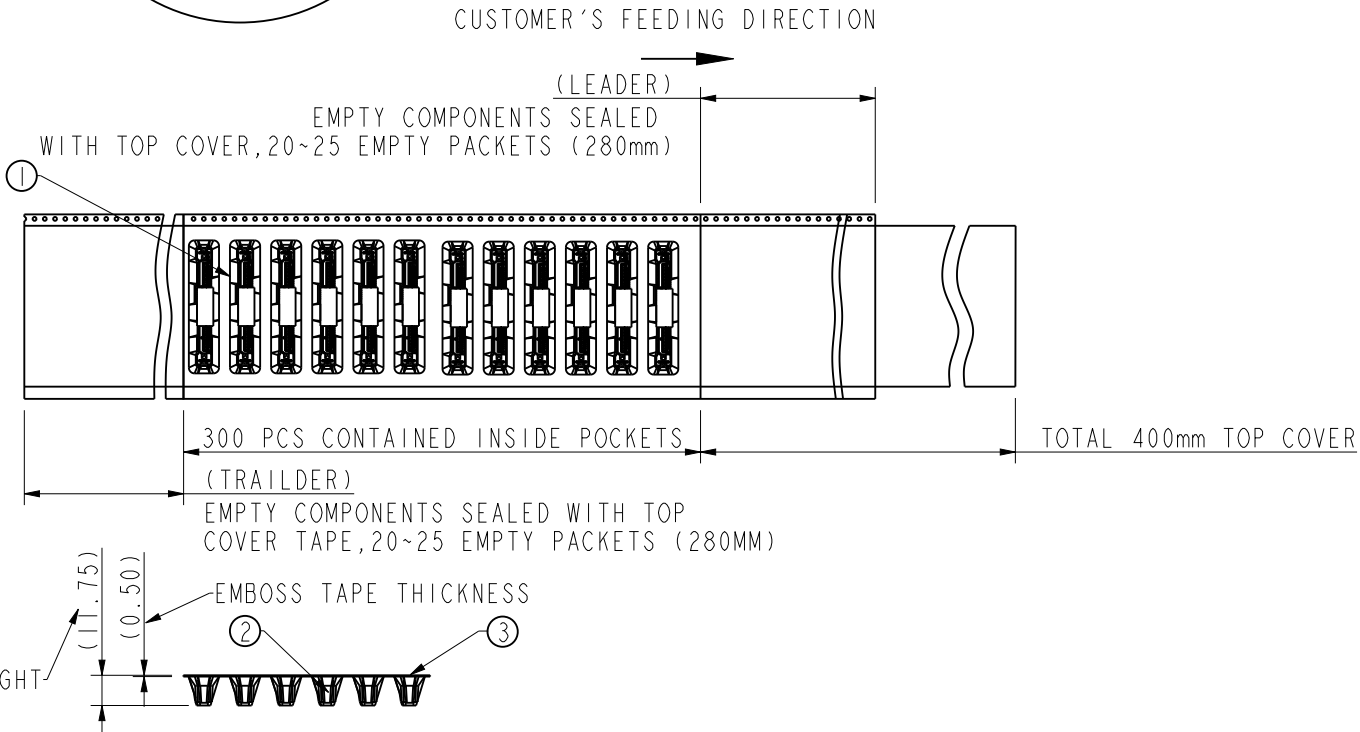
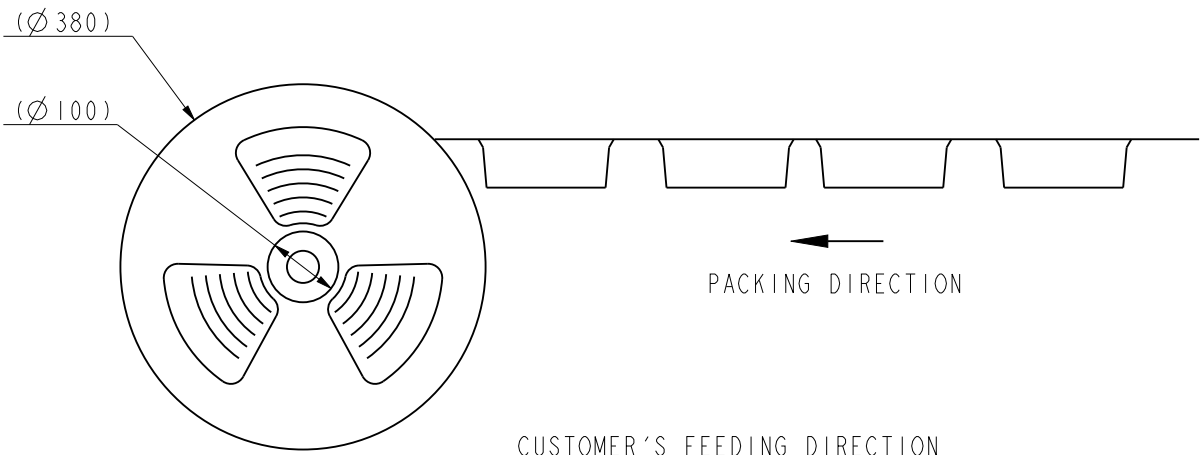
RECOMMENDED PCB LAYOUT(TOP VIEW)
GENERAL TOLERANCE ±0.05(PCB THICKNESS:1.0~2.0MM)

spec ref				dr	Teng.Cao	Sep.21,2023	Amphenol			mm	scale	size			
tolerance std				eng	Teng.Cao	Sep.21,2023				←→	2:1	A3			
				rvwr						ecn no			ELX-CD-FXXXX-1		
				appr						amphenol-icc.com			rel level		RELEASE
TOLERANCES UNLESS OTHERWISE SPECIFIED															
surface	linear	0.X	±0.50	projection	title	PCIe/SAS VERTICAL SMT			dwg no	PSAS5F3I30I6XXX		rev			
		0.XX	±0.25												
		0.XXX	±0.20						cat. no.			A2			
	angular	0°	±3°												
							product family			PSAS			sheet 2 of 3		

revision history				
rev	ecn no	description	dr	date
-	----	REFER TO SHEET 1/3	-	-



SECLA 1:1
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	Sep.21,2023	Amphenol		scale	size
tolerance std				eng	Teng.Cao	Sep.21,2023			2:1	A3
				rvwr					ecn no	ELX-CD-FXXXX-1
				appr					rel level	RELEASE
surface				amphenol-icc.com				PCIe/SAS VERTICAL SMT		
				product family				PSAS	sheet 3 of 3	
								cat. no.	PSAS5F3I30I6XXX	rev
								A2		