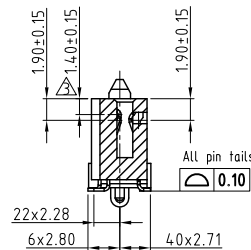
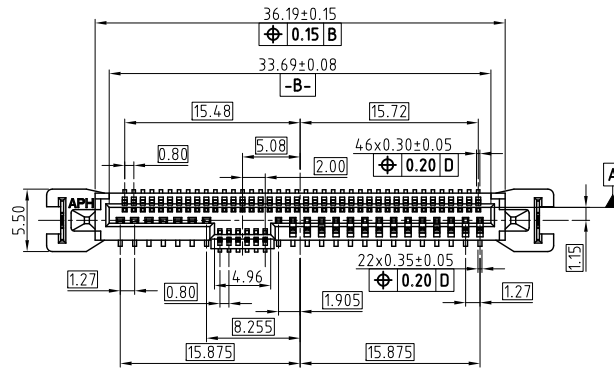
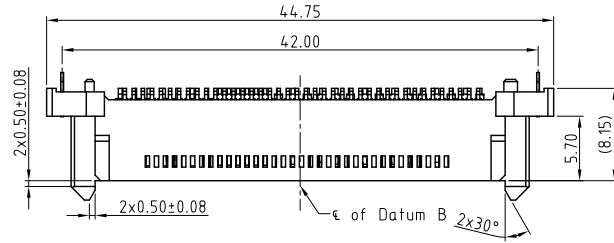


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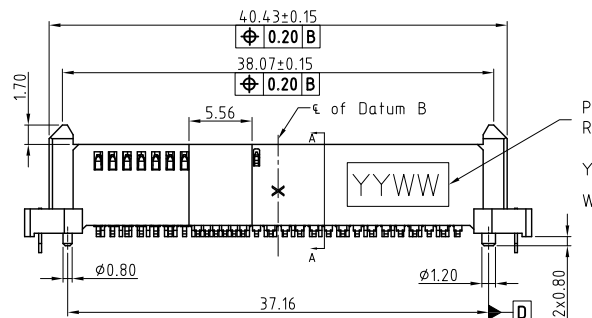
CUSTOMER DRAWING

REVISIONS

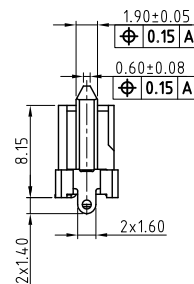
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	06/20/19	IP
2	N/A	UPDATED PCB	09/12/19	IP



SECTION A-A



PRINTED D/C AREA
RULE: YYWW
YEAR
WEEK



NOTES

- MATERIAL
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, COLOR:BLACK.
 - CONTACTS : PHOSPHOR BRONZE
PLATING: REFER TO P/N SYSTEM ON MATING AREA.
1.27um MIN NICKEL UNDER PLATED OVERALL.
2.54um MIN PURE MATTE TIN ON SOLDER TAILS.
 - SOLDER CLIPS: COPPER ALLOY
2.54um MIN PURE MATTE TIN OVER 1.27um MIN NICKEL.
 - GENERAL SPECIFICATION
 - CURRENT RATING: 1.5A/PER PIN (POWER SECTION).
 - CONTACT RESISTANCE: 30mΩ MAX (INITIAL).
 - INSULATOR RESISTANCE: 1000MΩ MIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
 - OPERATION TEMPERATURE: -55°C~+105°C
- PREMATING AT P4 & P12
- SUPPORT PCIe Gen4 and SAS4.0
 - DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
 - MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004.
 - ORDER P/N SYSTEM: PSAS4F313024XXX

MATING AREA PLATING
1- 0.76um MIN Au.
2- 0.38um MIN Au.
3- Gold FLASH

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



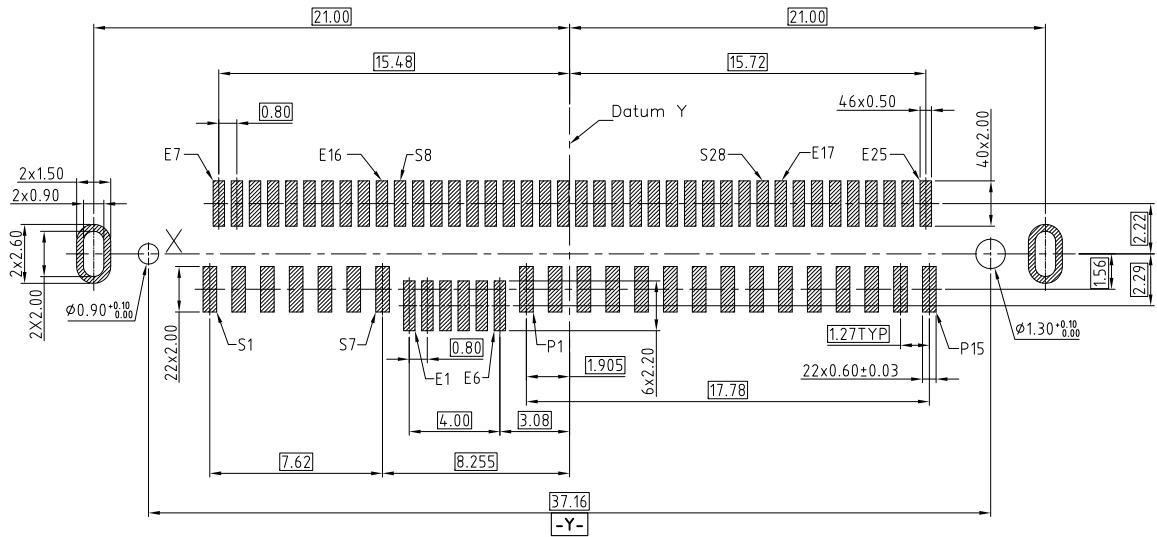
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol Amphenol East Asia Limited	
		DRAWN	Jackie.Tan	09/12/19		
.X	+/-	CHECKED	Xiang.Wang	09/12/19	TITLE PCIe/SAS V/T SMT 68PIN SOCKET	
.XX	+/-	CHECKED				
.XXX	+/-				SIZE DRAWING NO. A3 PSAS4F313024XXX	
FRACTIONS	+/-					
ANGLES	+/-				REV. 2	
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :				
REMOVE SHARP EDGES		ANGLE OF PROJECTION			SCALE NONE	
DIMENSIONS						
U.S.	INCHES				SHEET 1 OF 3	
(METRIC)	(MM)					

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CUSTOMER DRAWING

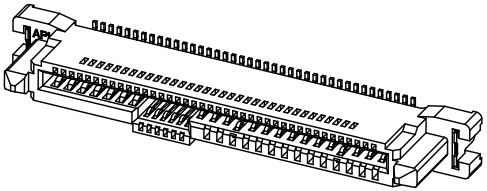
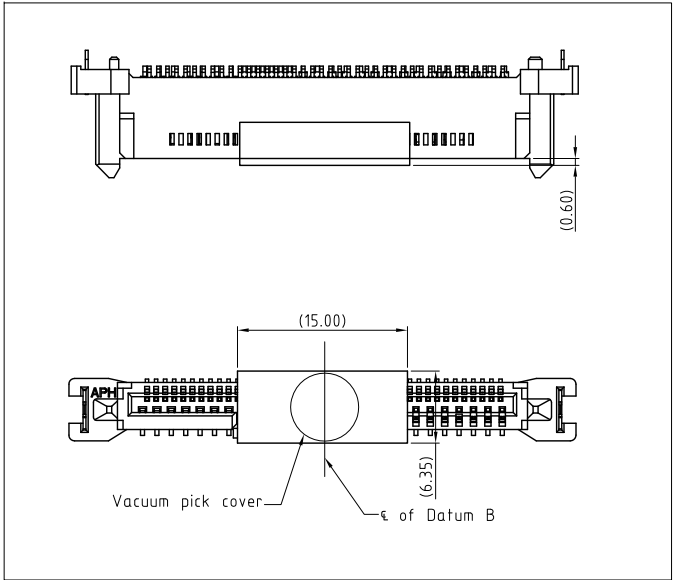
REVISIONS

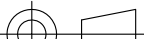
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



RECOMMENDED PCB LAYOUT(TOP VIEW)
GENERAL TOLERANCE $\pm 0.05\text{mm}$ (PCB THICKNESS:1.0~2.0mm)

With Pick-up Cover



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.15 FRACTIONS +/- ANGLES +/- 3° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)		APPROVAL		DATE		Amphenol Amphenol East Asia Limited			
		DRAWN	Jackie.Tan	09/12/19					
		CHECKED	Xiang.Wang	09/12/19		TITLE PCIe/SAS V/T SMT 68PIN SOCKET			
		CHECKED							
DRAWING FILE : DRAWING\PSAS\PSAS\PSAS4F313024XXX-2		ANGLE OF PROJECTION				SIZE DRAWING NO. REV. A3 PSAS4F313024XXX 2 SCALE NONE SHEET 2 OF 3			
									

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CUSTOMER DRAWING

REVISIONS

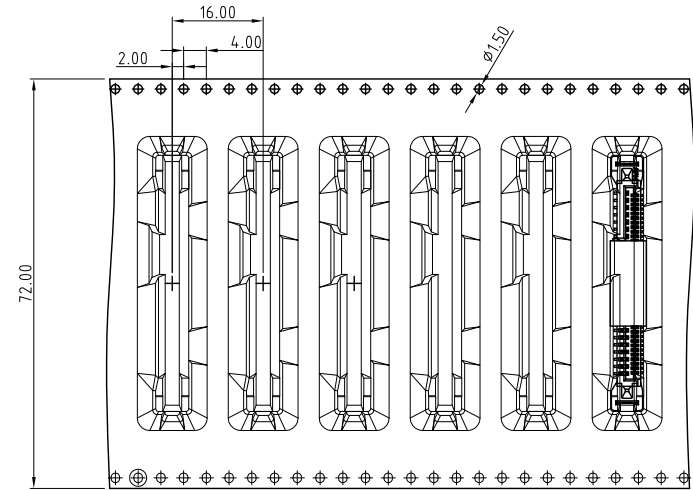
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



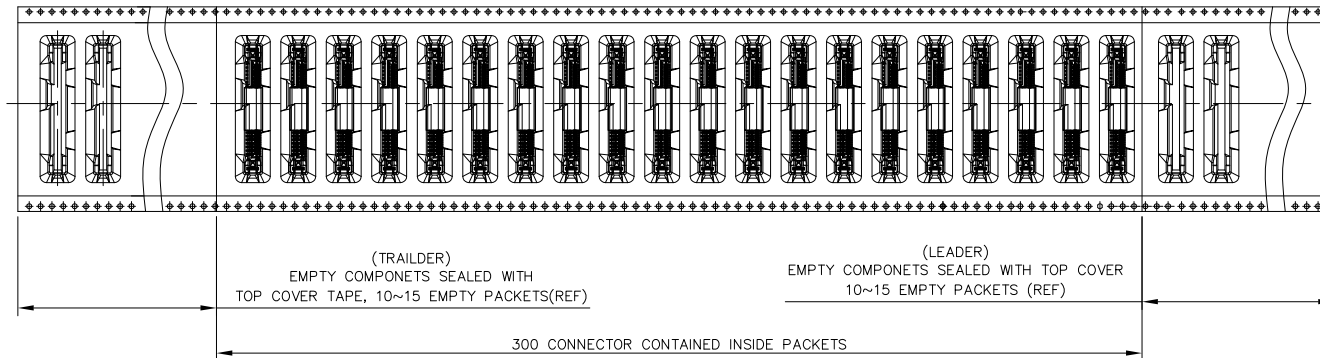
USER'S FEEDING DIRECTION

PACKING DIRECTION

CUSTOMER'S FEEDING DIRECTION



DETAIL A
SCALE 2:1



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol Amphenol East Asia Limited		
U.S.		DRAWN	Jackie Tan	09/12/19				
METRIC		CHECKED	Xiang Wang	09/12/19				
		CHECKED						
.X	+/-					DRAWING FILE : DRAWING\PSAS\PSAS\PSAS4F3102LXXX-2		
.XX	+/-							
.XXX	+/-							
FRACTIONS	+/-							
ANGLES	+/-					ANGLE OF PROJECTION 		
REMOVE SHARP EDGES								
DIMENSIONS								
U.S.	INCHES					SIZE A3	DRAWING NO. PSAS4F31024XXX	REV. 2
(METRIC)	(MM)							
						SCALE	NONE	SHEET 3 OF 3