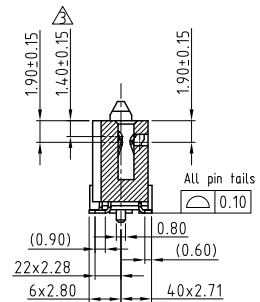
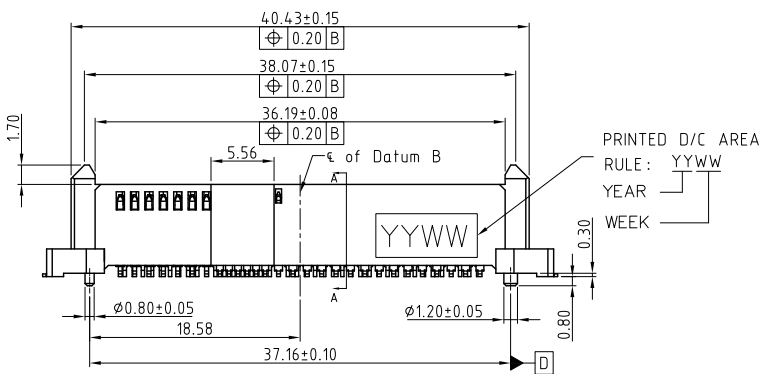
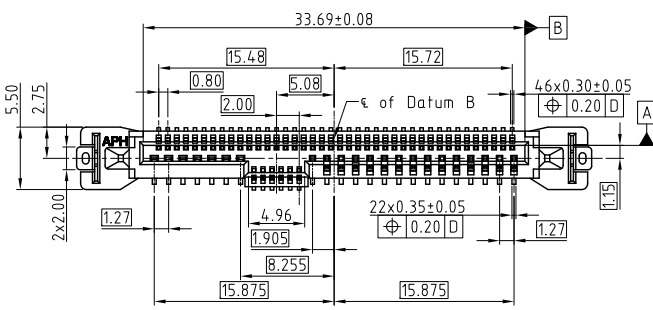
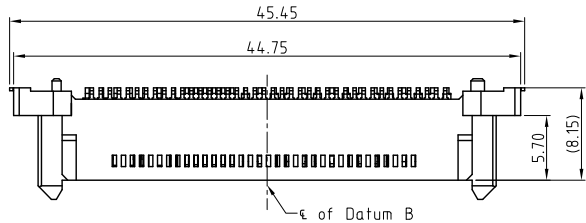


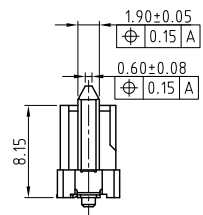
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	06/23/17	IP
2	N/A	MODIFY HOUSING AND CONTACTS	09/17/18	IP
3	N/A	UPDATED DESIGN, ADDED PACKING SPEC	11/15/18	IP



SECTION A-A



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: 0°C~+55°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: PSAS4F313001XXX

MATING AREA PLATING PACKING STYLE
 1- 0.76um MIN Au. NIL- TRAY
 2- 0.38um MIN Au. TR- TAPE AND REEL
 3- Gold FLASH



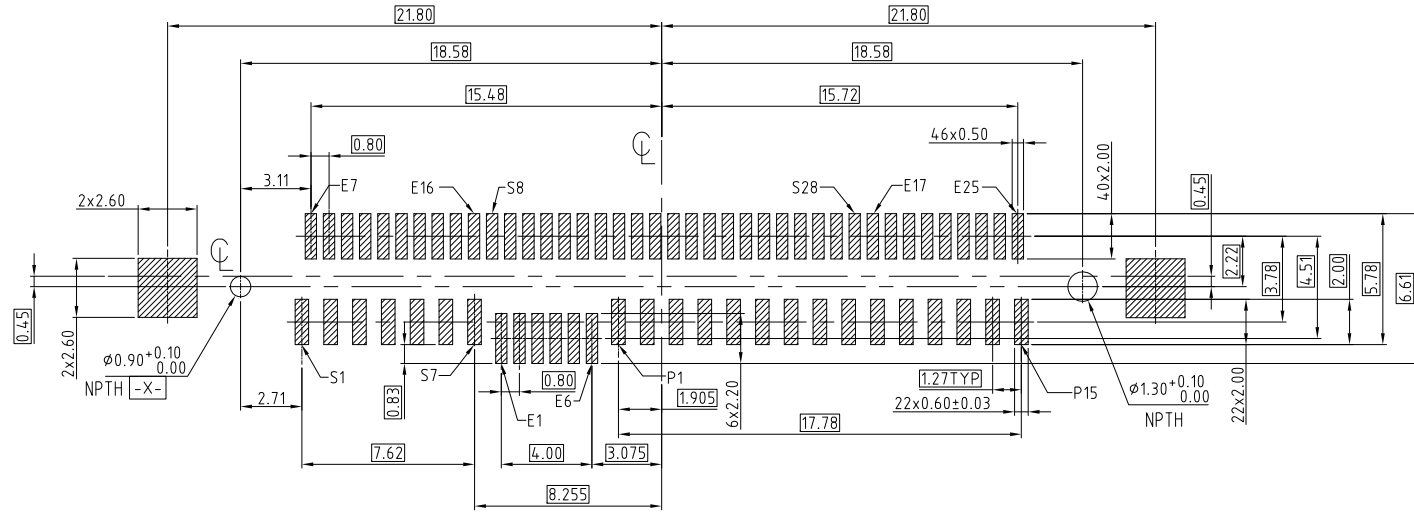
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol Amphenol East Asia Limited
U.S. METRIC		DRAWN	Jackie.Tan	11/15/18	
.X	+/- 0.50	CHECKED	Xiang.Wang	11/15/18	TITLE PCIe/SAS VERTICAL SMT RECEPTACLE
.XX	+/- 0.25	CHECKED			
.XXX	+/- 0.15	DRAWING FILE :			SIZE DRAWING NO. REV. A3 PSAS4F313001XXX 3
FRACTIONS	+/- 3°	DRAWING\PSAS\PSAS\PSAS\PSAS4F313001XXX-3			
ANGLES +/-		ANGLE OF PROJECTION			SCALE NONE SHEET 1 OF 3
FOR MATERIALS AND FINISHES SEE NOTES					
REMOVE SHARP EDGES		DIMENSIONS			
		U.S. INCHES			
		(METRIC) (MM)			

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CUSTOMER DRAWING

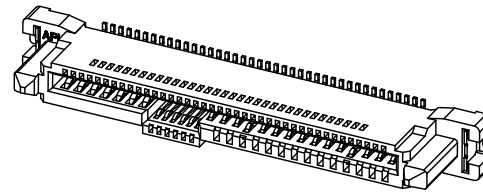
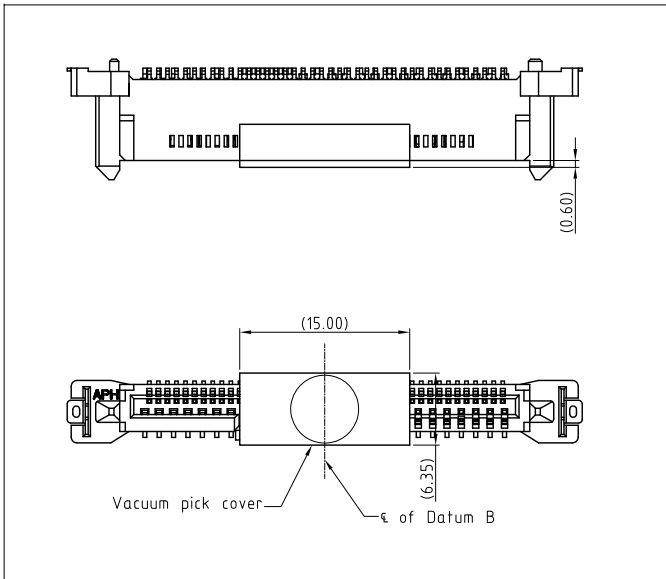
REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



RECOMMENDED PCB LAYOUT (TOP VIEW)
GENERAL TOLERANCE ±0.05

With Pick-up Cover



UNLESS OTHERWISE SPECIFIED TOLERANCES	
U.S.	METRIC
.X	+/- 0.50
.XX	+/- 0.25
.XXX	+/- 0.15
FRACTIONS	+/-
ANGLES	+/- 3°

APPROVAL		DATE
DRAWN	Jackie.Tan	11/15/18
CHECKED	Xiang.Wang	11/15/18
DRAWING FILE :		
DRAWING\PSAS\PSAS\PSAS\F313001XXX-3		
ANGLE OF PROJECTION		

Amphenol	
Amphenol East Asia Limited	
TITLE PCIE/SAS VERTICAL SMT RECEPTACLE	
SIZE	DRAWING NO.
A3	PSAS4F313001XXX
SCALE	NONE
SHEET	2 OF 3
REV.	3

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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				

D

D



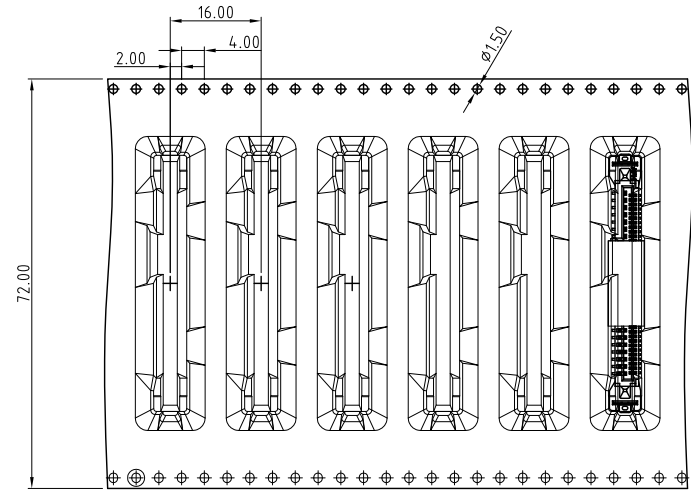
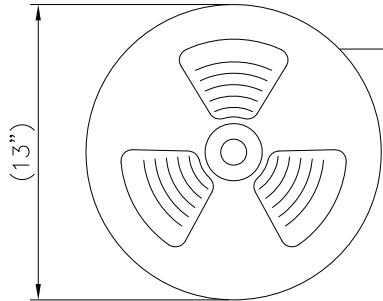
USER'S FEEDING DIRECTION

PACKING DIRECTION

CUSTOMER'S FEEDING DIRECTION

C

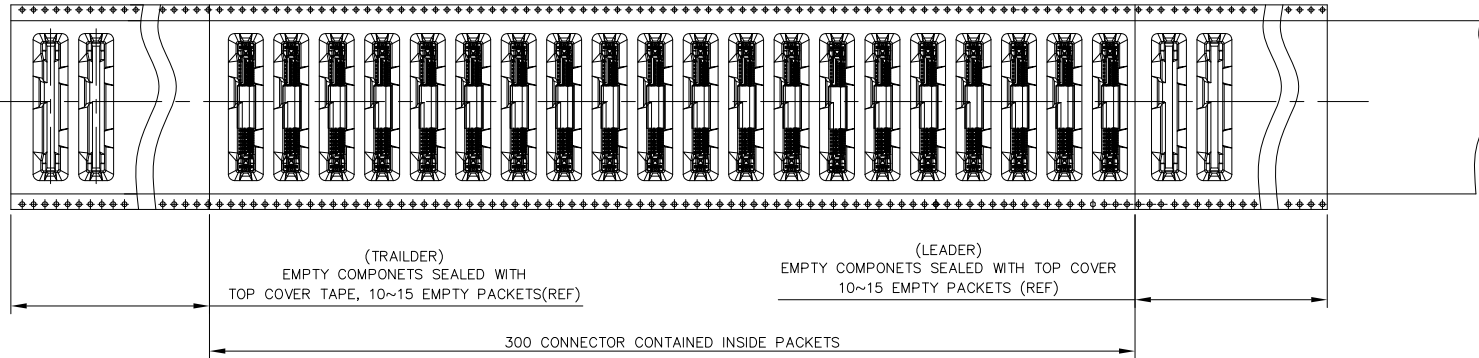
C



DETAIL A
SCALE 2:1

B

B



B

B

A

A

(13.00)

CUSTOMER'S FEEDING DIRECTION



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.20 FRACTIONS +/- 3" ANGLES +/- FOR MATERIALS AND FINISHES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)	APPROVAL DRAWN Jackie Tan 11/15/18 CHECKED Kiang Wang 11/15/18 CHECKED	DATE 11/15/18	Amphenol Amphenol East Asia Limited TITLE PCIE/SAS VERTICAL SMT RECEPTACLE SIZE DRAWING NO. A3 PSAS4F313001XXX SCALE NONE SHEET 3 OF 3
	DRAWING FILE : DRAWING\PSAS\PSAS\PSAS4F313001XXX-3		
	ANGLE OF PROJECTION 		
	REV. 2		

4

3

2

1