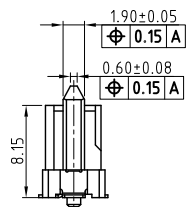
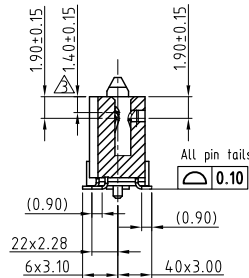
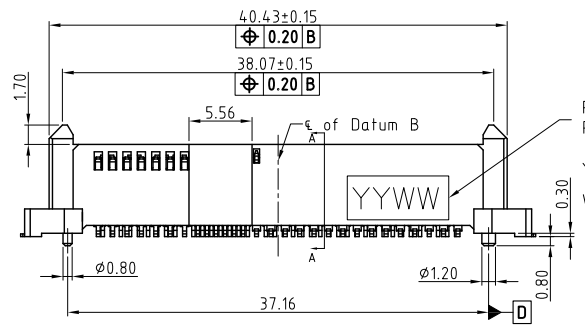
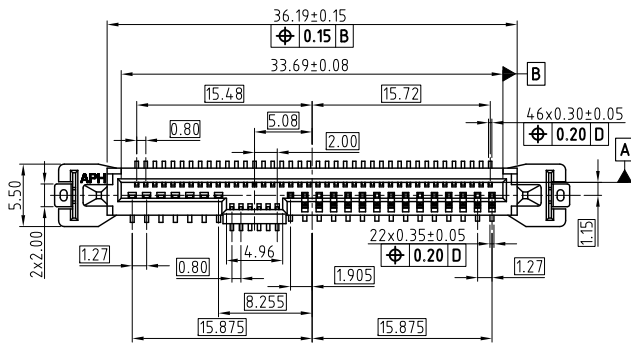
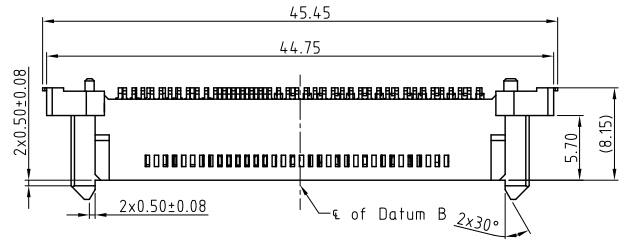


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# CUSTOMER DRAWING

## REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	08/10/18	IP
2	N/A	MODIFY PCB FOOTPRINT LENGTH	09/03/18	IP
3	N/A	UPDATE DESIGN	10/12/18	IP



### 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: -40°C~+85°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: PN WITH OR W/O "-" IS THE SAME  
PSAS4F313007XXX

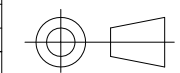
MATING AREA PLATING  
 1- 0.76um MIN Au.  
 2- 0.38um MIN Au.  
 3- Gold FLASH

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

PRINTED D/C AREA  
 RULE: YYWW  
 YEAR  
 WEEK



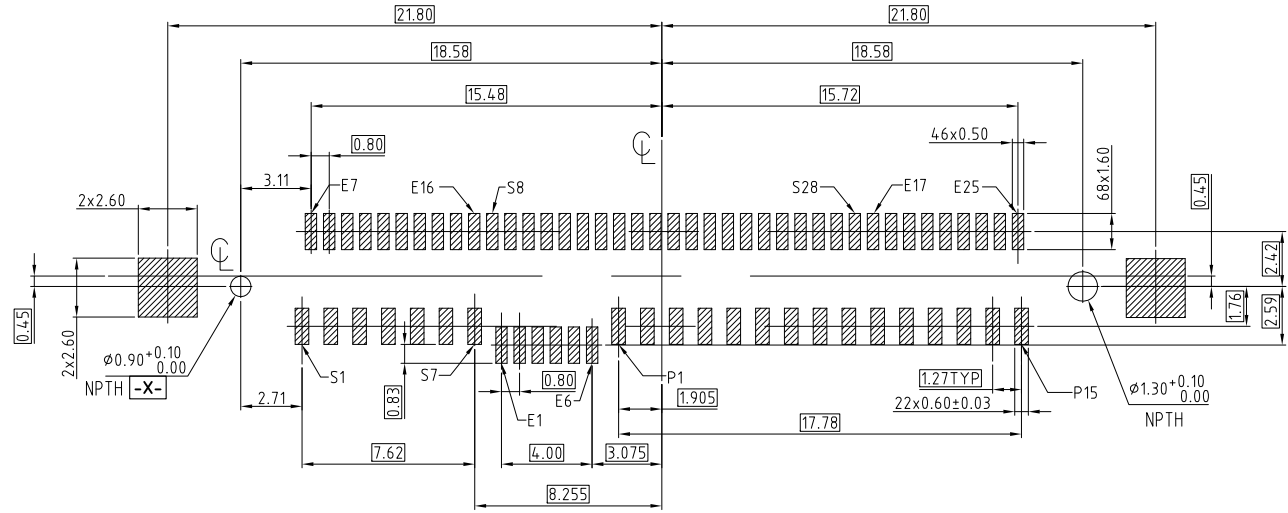
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
.X	+/- 0.50	DRAWN Jackie.Tan	10/12/18
.XX	+/- 0.25	CHECKED Xiang.Wang	10/12/18
.XXX	+/- 0.15	CHECKED	
FRACTIONS	+/- 3°	DRAWING FILE : DRAWING\PSAS\PSAS\PSAS4F313007XXX-3	
ANGLES	+/-	ANGLE OF PROJECTION	
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES	
DIMENSIONS		SCALE NONE SHEET 1 OF 2	
U.S. (METRIC)	INCHES (MM)	TITLE PCIe/SAS VERTICAL SMT 68PIN SOCKET	
		SIZE DRAWING NO. A3 PSAS4F313007XXX	
		REV. 3	



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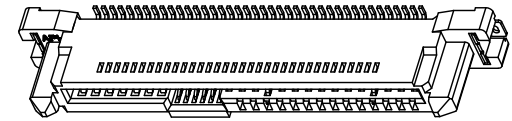
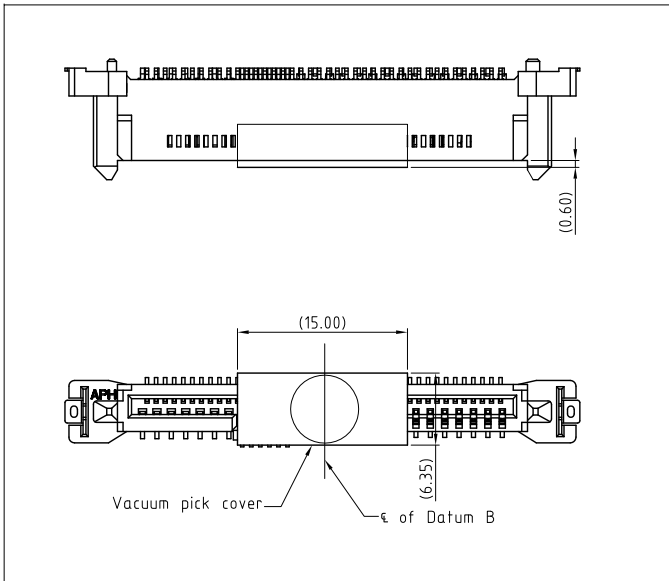
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



With Pick-up Cover

RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCE ±0.05



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol Amphenol East Asia Limited	
	U.S.	METRIC	DRAWN	Jackie.Tan		10/12/18
.X	+/-	0.50	CHECKED	Xiang.Wang		10/12/18
.XX	+/-	0.25	CHECKED			
.XXX	+/-	0.15				
FRACTIONS	+/-					
ANGLES	+/-	3°				
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		DRAWING/PSAS1/PSAS1/PSAS4F313007XXX-3		
REMOVE SHARP EDGES		ANGLE OF PROJECTION		TITLE		
DIMENSIONS		U.S. INCHES		PCIe/SAS VERTICAL SMT 68PIN SOCKET		
(METRIC) (MM)		M		SIZE DRAWING NO.		
		A3		PSAS4F313007XXX		
		SCALE		NONE		
		SHEET		2 OF 2		
		REV.		3		