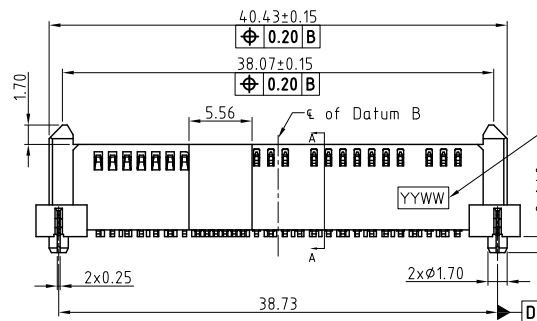
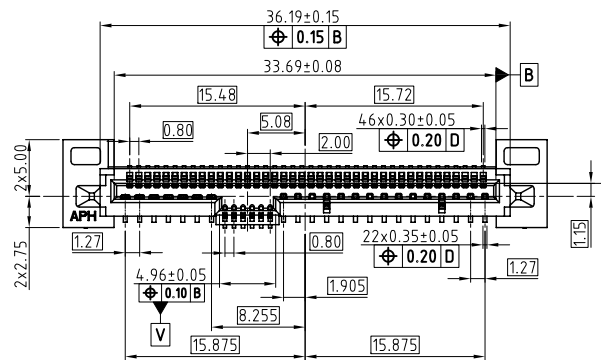
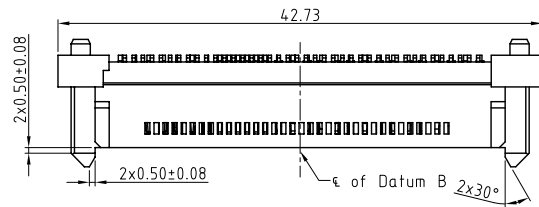
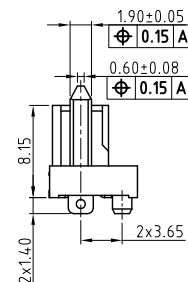
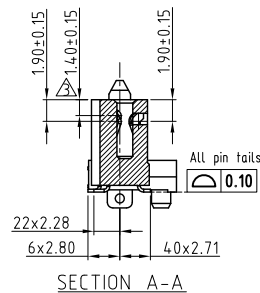


CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	NA	FIRST RELEASE	09/16/20	IP
2	NA	UPDATED DESIGN	11/06/20	IP
3	NA	UPDATED DESIGN	01/22/21	IP
4	NA	UPDATED DESIGN;ADD PACKING SPEC	07/22/21	IP
5	NA	UPDATED DRAWING	08/21/21	IP

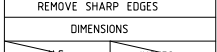
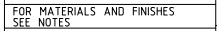
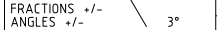


PRINTED D/C AREA
RULE: YYWW
YEAR ———
WEEK ———



1. MATERIAL
 - 1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, COLOR:BLACK.
 - 1.2 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.
 - 1.3 SOLDER CLIPS: COPPER ALLOY
 - 2.54um MIN PURE MATTE TIN OVER 1.27um MIN NICKEL.
2. GENERAL SPECIFICATION
 - 2.1 CURRENT RATING: 1.5A/PER PIN (POWER SECTION).
 - 2.2 CONTACT RESISTANCE: 30mΩ MAX (INITIAL).
 - 2.3 INSULATOR RESISTANCE: 1000MΩ MIN.
 - 2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
 - 2.5 OPERATION TEMPERATURE: -55°C~+105°C
- ③ PREMATING AT P4 & P12
4. SUPPORT PCIe GEN5
5. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.
6. MATERIAL SHOULD BE FILFIED AMPHENOL SPEC.S-SN-002 AND S-SN-004.
7. ORDER P/N SYSTEM: PSA55F313008XXX

MATING AREA PLATING	PACKING STYLE
1- 0.76um MIN Au.	NIL- TRAY WITHOUT PICK-UP CAP
2- 0.38um MIN Au.	C- TRAY WITH PICK-UP CAP
3- Gold FLASH	TR- TAPE AND REEL WITH PICK-UP CAP
	NT- TAPE AND REEL WITHOUT PICK-UP CAP

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol Amphenol East Asia Limited			
U.S. METRIC		DRAWN Jackie.Tan		08/21/21					
.X +/- 0.50		CHECKED Xiang.Wang		08/21/21		TITLE PCIE/SAS VERTICAL SMT RECEPTACLE			
.XX +/- 0.25		CHECKED							
.XXX +/- 0.15		DRAWING FILE : DRAWING\PSAS\PSAS\PSAS5F31300BXXX-5				SIZE DRAWING NO. REV. A3 PSAS5F31300BXXX 5			
FRACTIONS +/- 3°		ANGLE OF PROJECTION							
FOR MATERIALS AND FINISHES SEE NOTES									
REMOVE SHARP EDGES									
DIMENSIONS									
U.S. INCHES (METRIC) (MM)									
						SCALE NONE SHEET 1 OF 3			



CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				

D

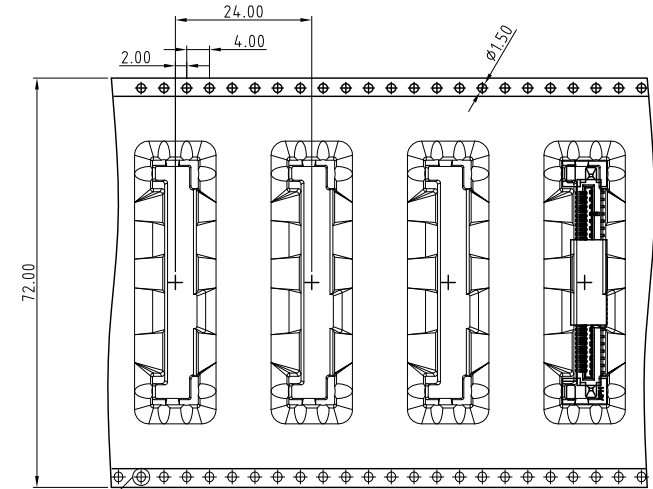
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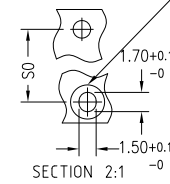
USER'S FEEDING DIRECTION

PACKING DIRECTION

CUSTOMER'S FEEDING DIRECTION

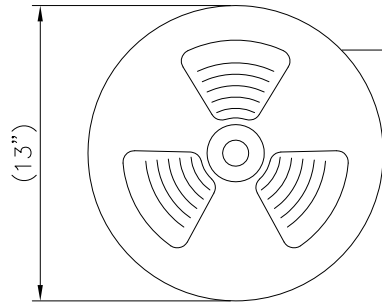


DETAIL A
SCALE 2:1



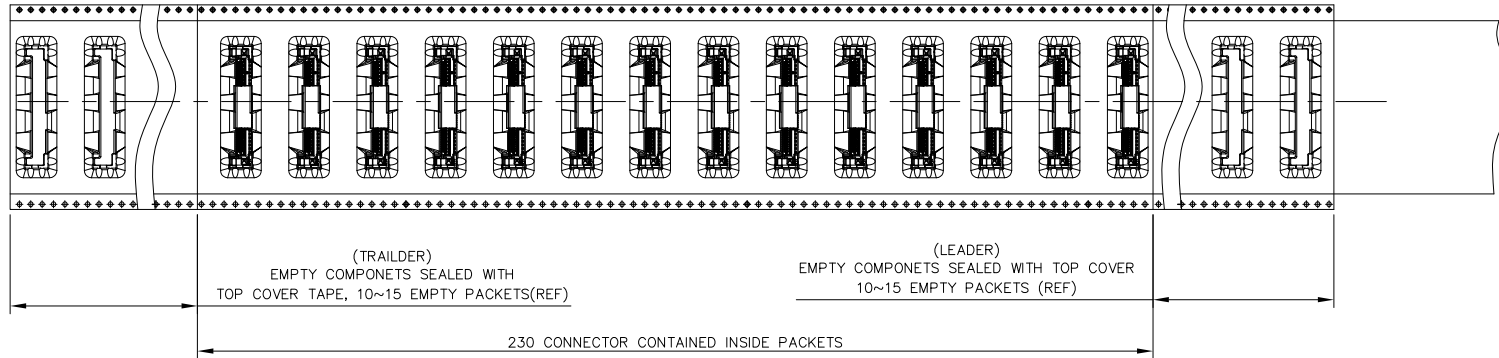
C

C



B

B



B

B

A

A



HF(无卤)	√
Non-HF(有卤)	



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .XX +/- 0.50 .XXX +/- 0.25 FRACTIONS +/- 0.20 ANGLES +/- 3° FOR MATERIALS AND FINISHES SEE NOTES		APPROVAL	DATE	Amphenol Amphenol East Asia Limited	
		DRAWN Jackie Tan	08/21/21		
REMOVE SHARP EDGES		CHECKED Kiang Wang	08/21/21	TITLE PCIe/SAS VERTICAL SMT RECEPTACLE	
DIMENSIONS U.S. INCHES (METRIC) (MM)		DRAWING FILE : DRAWING\PSAS\PSAS\PSAS5F313008XXX-S		SIZE DRAWING NO. A3 PSAS5F313008XXX	
ANGLE OF PROJECTION		SCALE NONE		REV. 5	
		SHEET 3 OF 3			

4

3

2

1