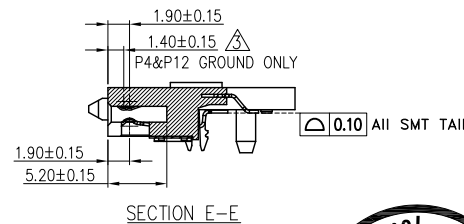
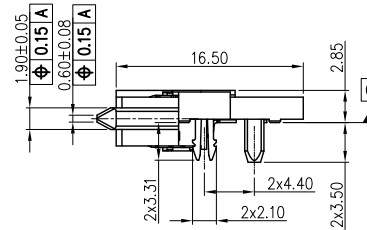
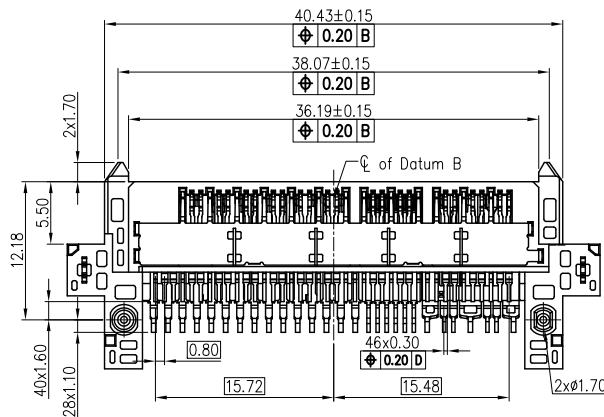
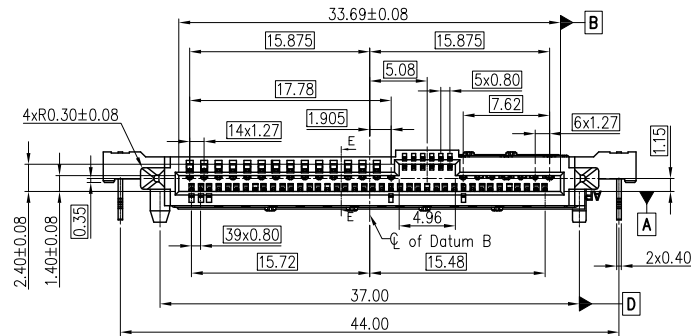
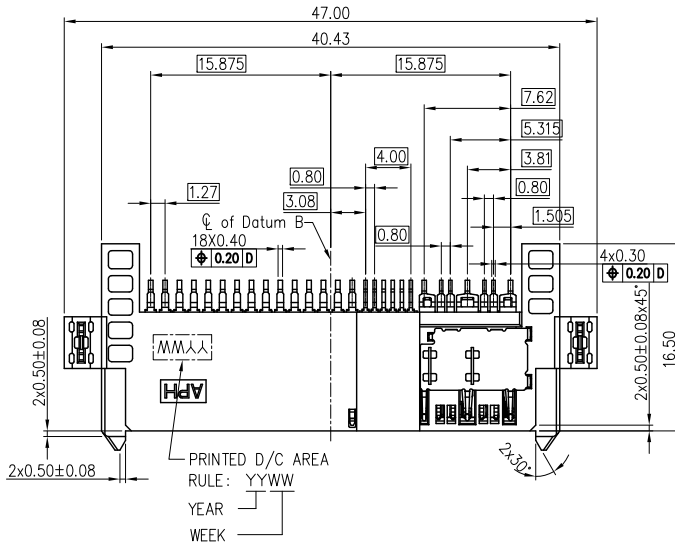


CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	11/19/19	IP
2	N/A	UPDATED DESIGN	10/30/20	IP
3	N/A	UPDATED DESIGN;ADD PACKING SPEC	01/07/21	IP



HF(无卤)	√
Non-HF(有卤)	



NOTES

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

△ PREMATING AT P4 & P12

4. SUPPORT PCIe GEN5

5. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.

6. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-002,

FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET S-SN-004.

7. ORDER P/N SYSTEM: PSAS5F213002XXX

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

NT- TAPE AND REEL WITHOUT PICK-UP CAP

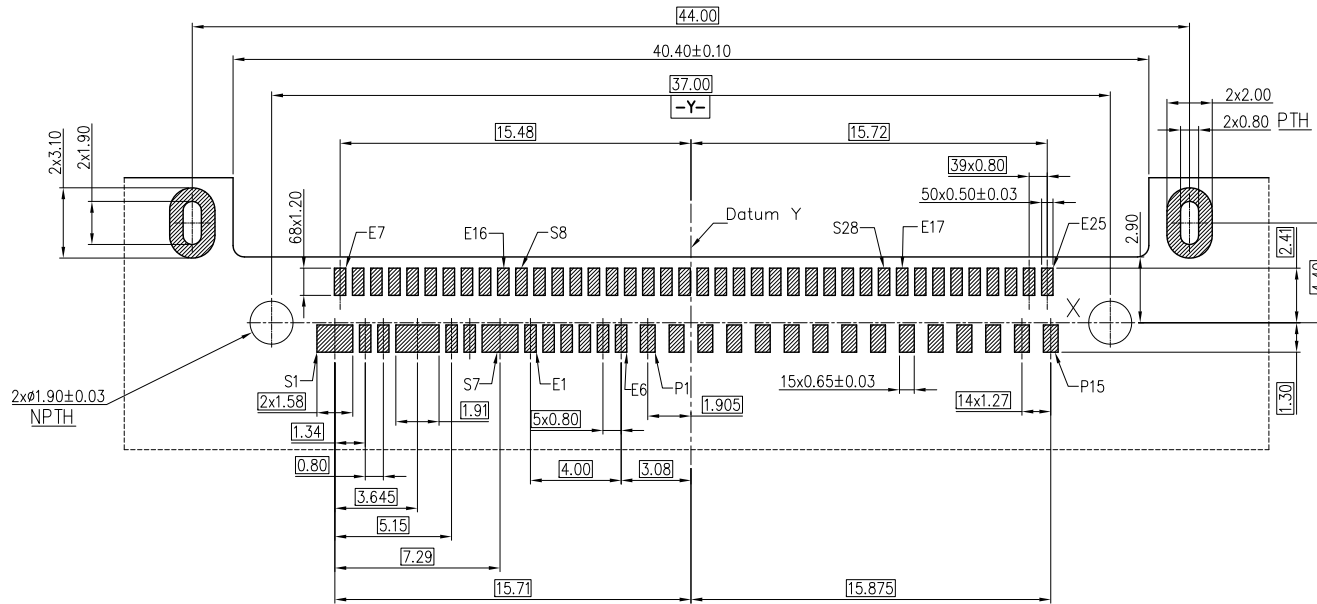
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 3° FOR MATERIALS AND FINISHES SEE NOTES REMOVE SHARP EDGES DIMENSIONS U.S. INCHES (METRIC) (MM)		APPROVAL		DATE		Amphenol Amphenol East Asia Limited			
		DRAWN Jackie.Tan		01/07/21					
		CHECKED Xiang.Wang		01/07/21					
		CHECKED							
		DRAWING FILE :		PCIe/SAS R/A SMT RECEPTACLE H=0.35		TITLE			
		DRAWING(PAS):PSAS5F213002XXX-3		SIZE		DRAWING NO.		REV.	
		ANGLE OF PROJECTION		A3		PSAS5F213002XXX		3	
				SCALE		NONE		SHEET 1 OF 3	

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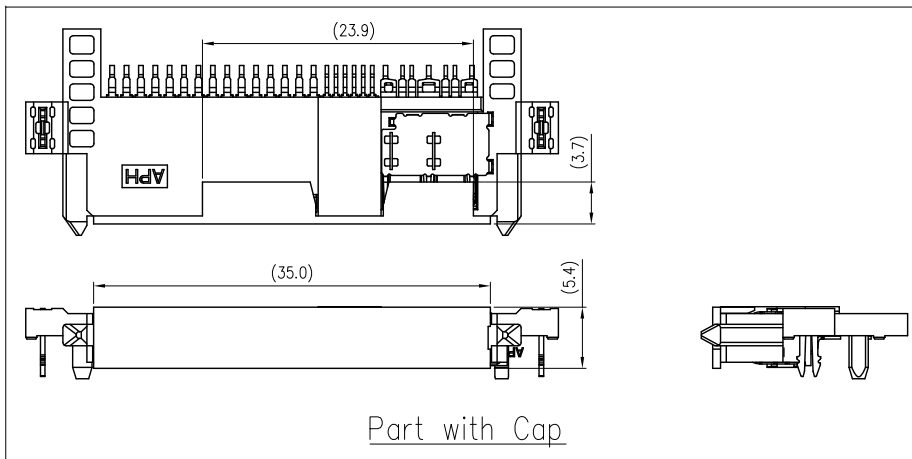
CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



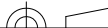
RECOMMENDED PCB LAYOUT(Top View)
GENERAL TOLERANCE ± 0.05 (PCB THICKNESS: 3.0mm)



Part with Cap

HF(无卤)	√
Non-HF(有卤)	



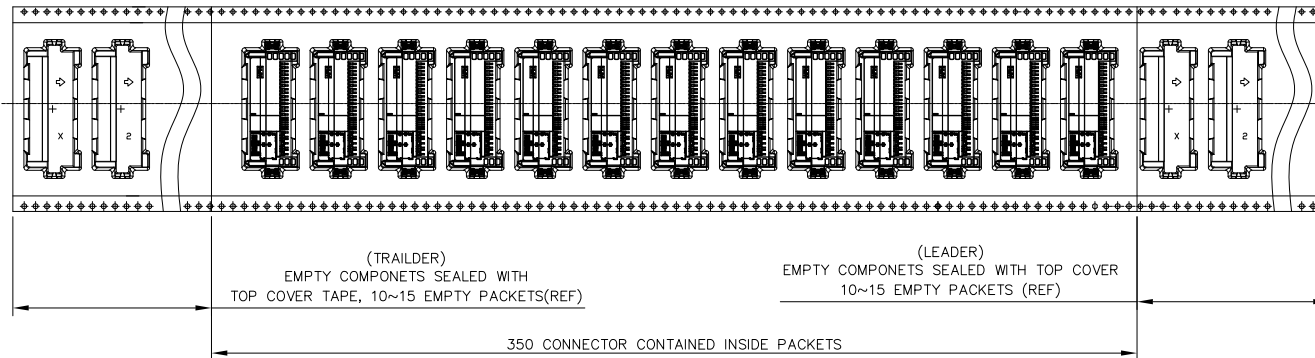
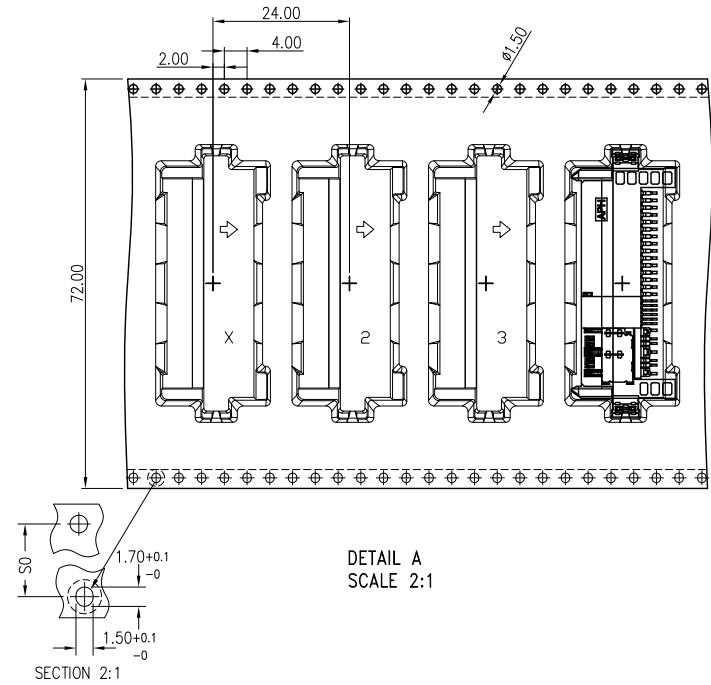
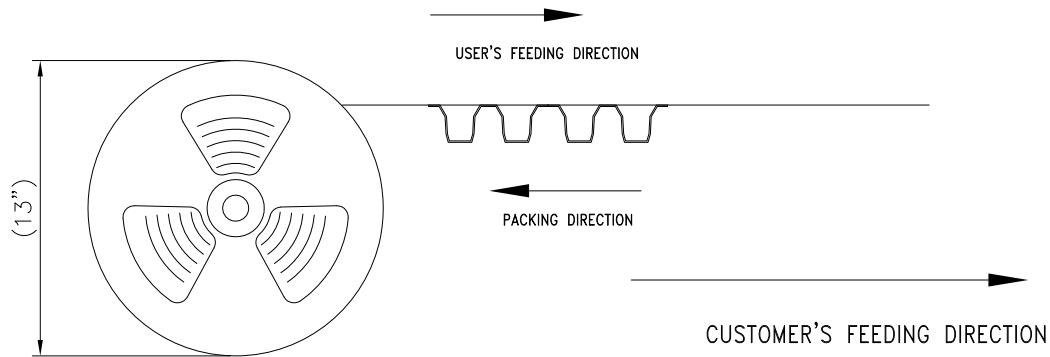
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol Amphenol East Asia Limited					
U.S.		DRAWN		Jackie.Tan						01/07/21	
METRIC		CHECKED		Xiang.Wang						01/07/21	
		CHECKED									
.X +/-											
.XX +/-											
.XXX +/-											
FRACTIONS +/-											
ANGLES +/-		3°									
FOR MATERIALS AND FINISHES SEE NOTES						DRAWING FILE :		TITLE			
						DRAWING(PSAS)PSAS5F213002XXX-3		PCle/SAS R/A SMT RECEPTACLE H=0.35			
REMOVE SHARP EDGES						ANGLE OF PROJECTION					
											
DIMENSIONS						SIZE		DRAWING NO.			
U.S.						A3		PSAS5F213002XXX			
INCHES								REV.			
(METRIC)						(MM)		3			
						SCALE		NONE			
						SHEET		2 OF 3			

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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



HF(无卤)	√
Non-HF(有卤)	



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol Amphenol East Asia Limited	
U.S. METRIC		DRAWN Jackie.Tan	01/07/21		
X +/- 0.50		CHECKED Xiang.Wang	01/07/21		
XX +/- 0.25		CHECKED		TITLE	
XXX +/- 0.20		DRAWING FILE : DRAWING/PSAS/PSAS5F213002XXX-3		PCle/SAS R/A SMT RECEPTACLE H=0.35	
ANGLES +/- 3°		ANGLE OF PROJECTION		SIZE DRAWING NO.	
REMOVE SHARP EDGES		U.S. INCHES		A3 PSAS5F213002XXX	
DIMENSIONS		(METRIC) (MM)		SCALE NONE	
				SHEET 3 OF 3	
				REV. 3	