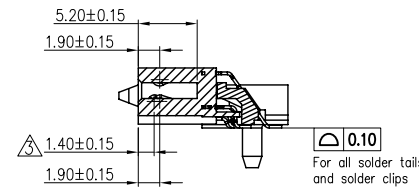
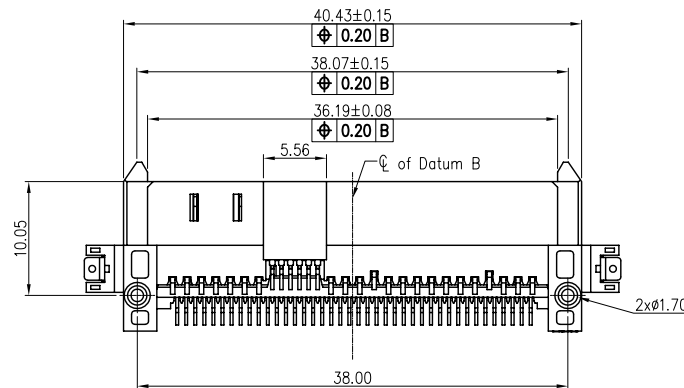
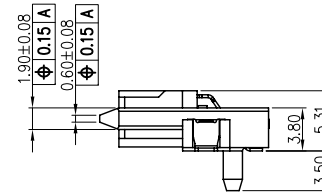
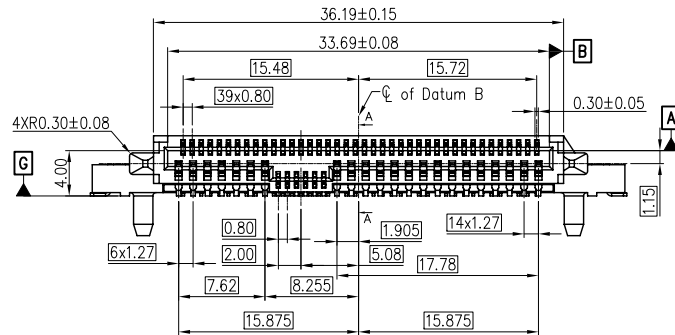
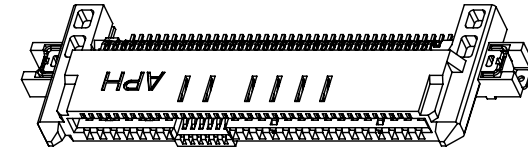
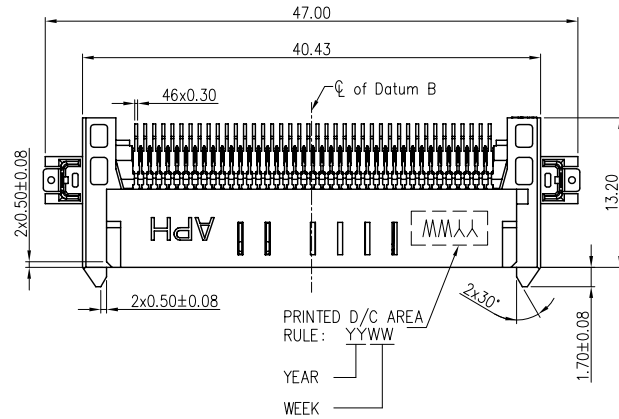


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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	04/10/15	IP
2	N/A	ADD COPLANARITY SPEC. BY CUSTOMER REQUEST	04/18/17	IP
3	N/A	ADD CORE OUT OF MAIN HOUSING AND CHAMFER; ADD PACKING SPEC	09/25/19	IP



SECTION A-A

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 Gen3 AND SAS3.0
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: PSASF213031XXX

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



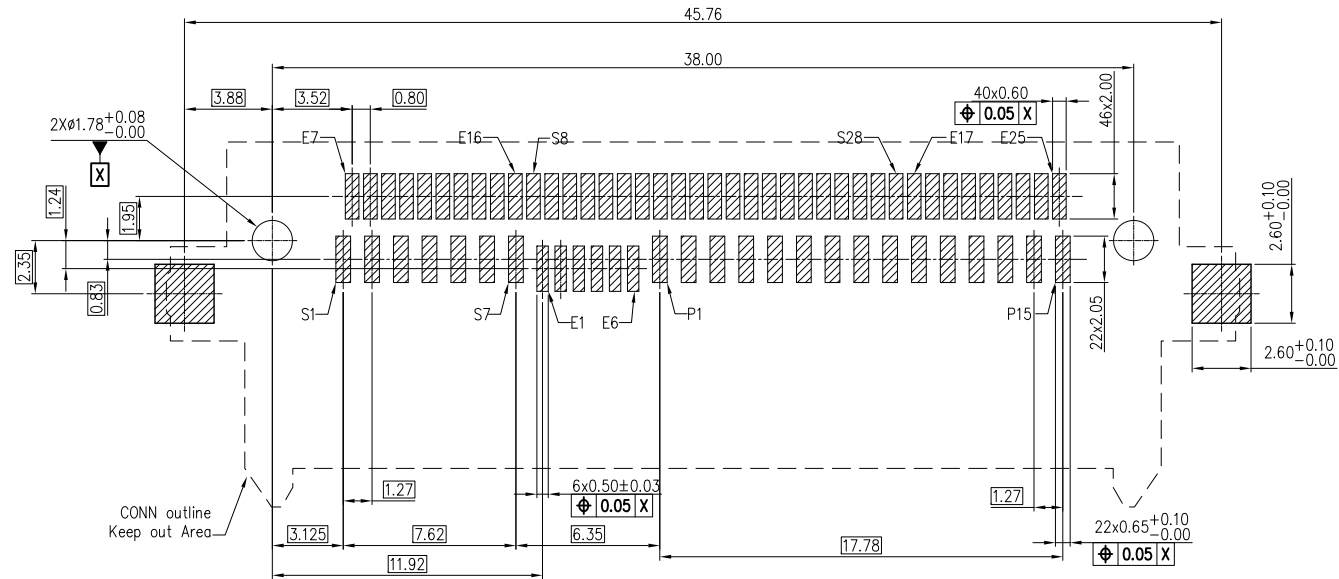
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol Amphenol East Asia Limited	
.X	+/-	U.S.	0.50		
.XX	+/-	METRIC	0.25		
.XXX	+/-		0.20		
FRACTIONS +/-				TITLE	
ANGLES +/-				PCle/SAS R/A SMT RECEPTACLE	
FOR MATERIALS AND FINISHES SEE NOTES	REMOVE SHARP EDGES		DRAWING FILE : Drawing\PSASF\PSASF213031XXX-3	SIZE DRAWING NO.	
DIMENSIONS		ANGLE OF PROJECTION		REV.	
U.S.	INCHES	3'		A3 PSASF213031XXX 3	
(METRIC)	(MM)	SCALE		SHEET 1 OF 3	

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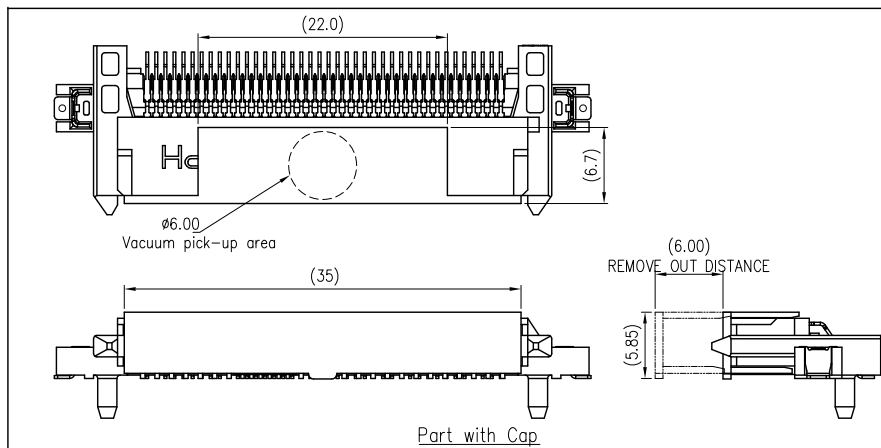
CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		



RECOMMENDED PCB LAYOUT(TOP VIEW)
GENERAL TOLERANCE $\pm 0.05\text{mm}$ (PCB THICKNESS: 3.0mm)



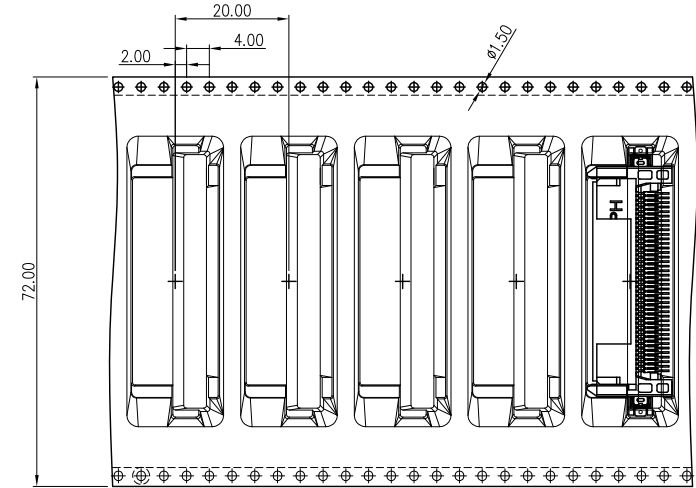
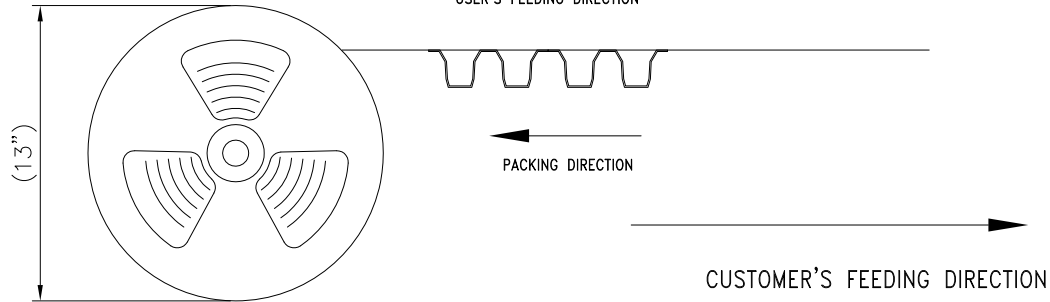
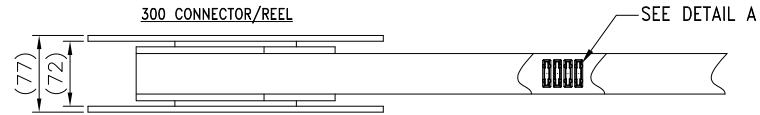
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.X	+/-	DRAWN	Jackie.Tan		
.XX	+/-	CHECKED	Xiang.Wang		
.XXX	+/-	CHECKED		TITLE	
FRACTIONS +/-	3'	DRAWING FILE :	Drawing\PSASF\PSASF213031XXX-3	PCle/SAS R/A SMT RECEPTACLE	
ANGLES +/-		REMOVE SHARP EDGES		SIZE	
FOR MATERIALS AND FINISHES SEE NOTES		DIMENSIONS		DRAWING NO.	
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		(METRIC)	(MM)	PSASF213031XXX	
		ANGLE OF PROJECTION		REV.	
				3	
				SCALE	
				NONE	
				SHEET 2 OF 3	

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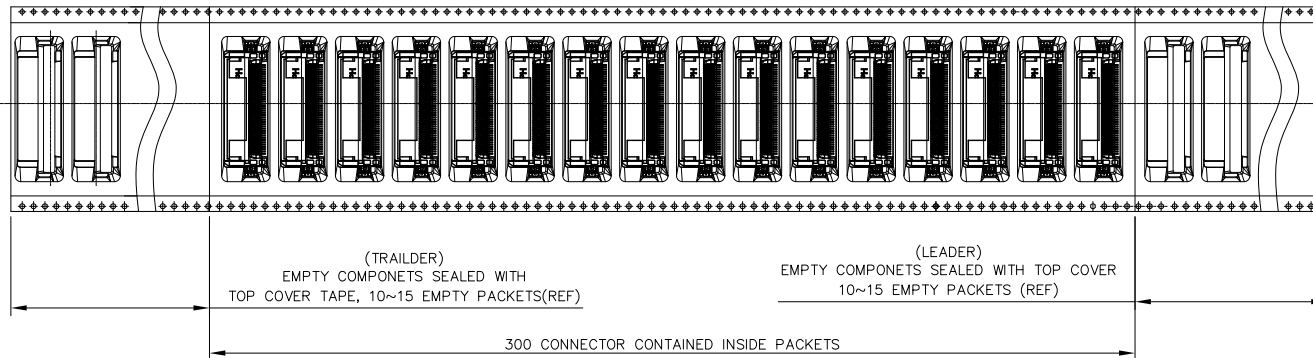
CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



DETAIL A
SCALE 2:1



UNLESS OTHERWISE SPECIFIED		APPROVAL	DATE	Amphenol Amphenol East Asia Limited	
TOLERANCES		DRAWN Jackie Tan	09/25/19		
U.S. METRIC		CHECKED Kiang Wang	09/25/19		
X +/- 0.50		CHECKED			
XX +/- 0.25		DRAWING FILE : Drawing_VSAS/PSASF213031XXX-3			TITLE
XXX +/- 0.20		ANGLE OF PROJECTION			PCle/SAS R/A SMT RECEPTACLE
FRACTIONS +/- 3"		SIZE DRAWING NO.			REV.
ANGLES +/-		A3 PSASF213031XXX			3
REMOVE SHARP EDGES		SCALE NONE			SHEET 3 OF 3
DIMENSIONS					
U.S. INCHES					
(METRIC) (MM)					