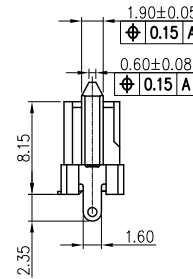
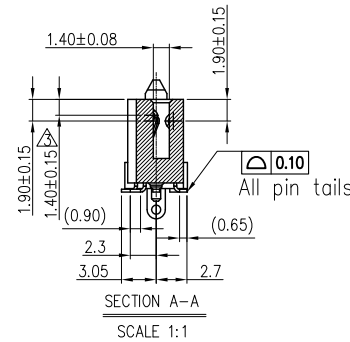
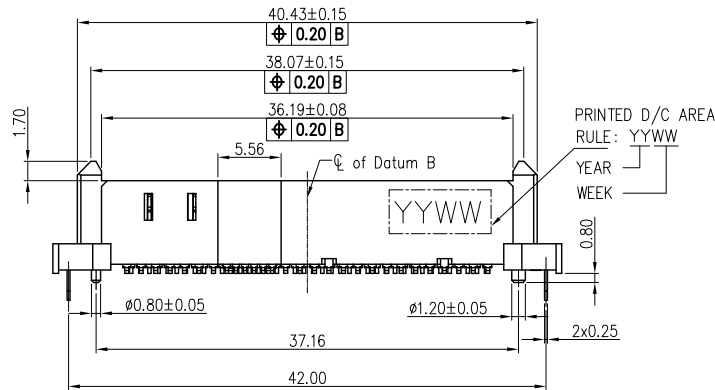
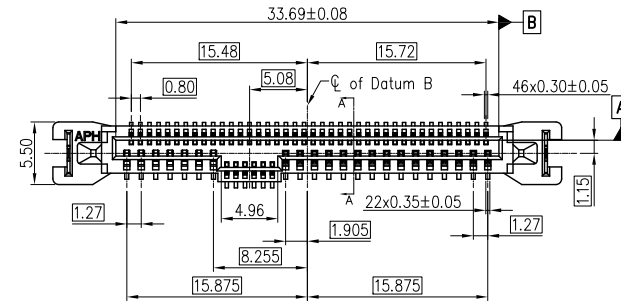
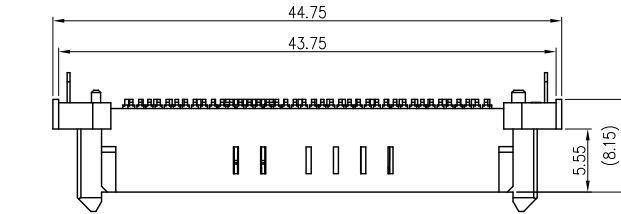


CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	NA	FIRST RELEASE	01/08/19	IP
2	NA	UPDATED PCB LAYOUT DIMENSIONS BY CUSTOMER'S REQUEST	04/17/19	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: -55°C~+105°C
- PREMATING AT P4 & P12
- SUPPORT PCIe GEN4 AND SAS3.0
- 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: PSAS4F313013XXX

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

PACKING STYLE
NIL- TRAY
TR- TAPE AND REEL



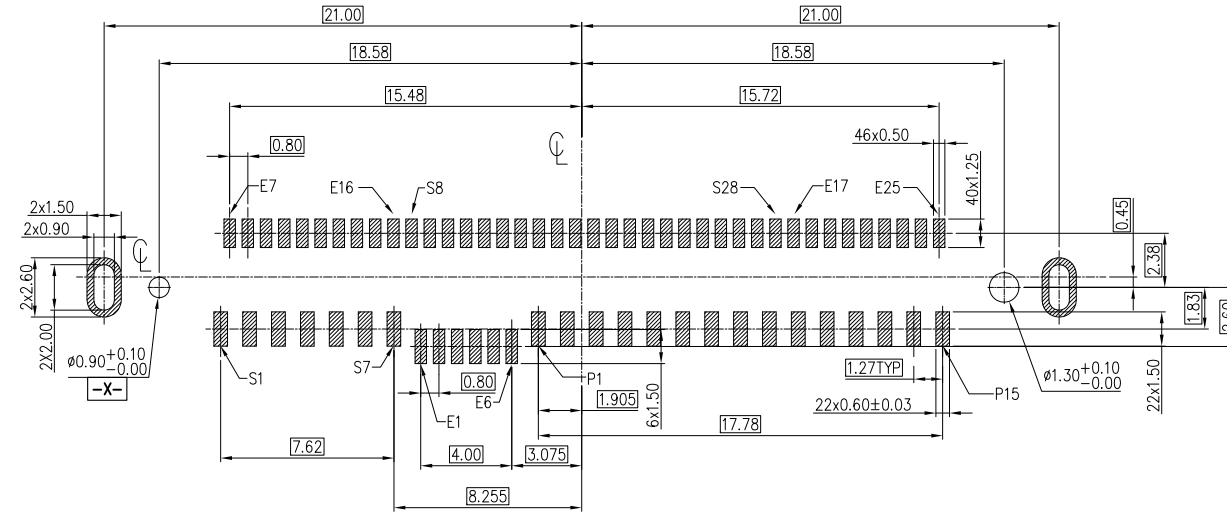
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol Amphenol East Asia Limited			
U.S.		DRAWN		Jackie.Tan					
METRIC		CHECKED		Xiang.Wang		04/17/19		TITLE	
.X +/-		0.50		CHECKED				PCle/SAS VERTICAL SMT RECEPTACLE	
.XX +/-		0.20						SIZE	
.XXX +/-		0.15						DRAWING NO.	
FRACTIONS +/-		3°		DRAWING FILE :				REV.	
ANGLES +/-				PC MASTER_DRAWING/PSAS/PSAS4F313013XXX-2				A3	
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION						PSAS4F313013XXX	
REMOVE SHARP EDGES								2	
DIMENSIONS								SCALE	
U.S.		INCHES						NONE	
(METRIC)		(MM)						SHEET	
								1 OF 3	

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CUSTOMER DRAWING

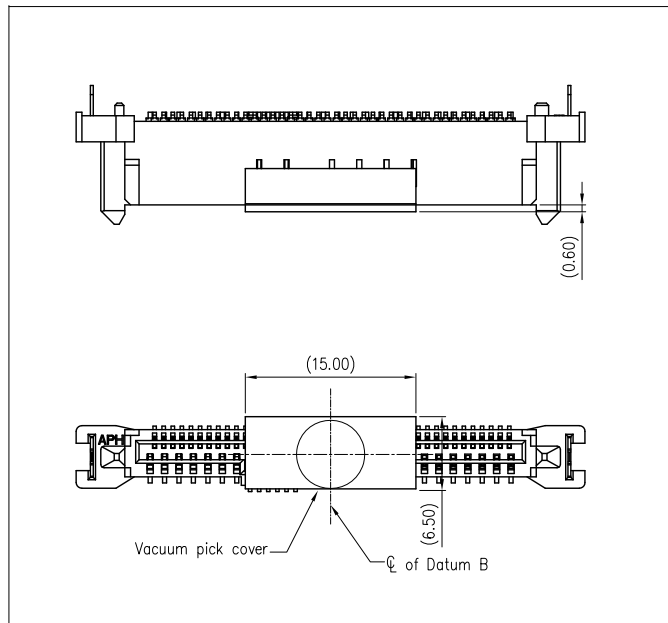
REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



With Pick-up Cover

RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE $\pm 0.05\text{mm}$



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol Amphenol East Asia Limited					
U.S. METRIC		DRAWN		Jackie Tan						04/17/19	
X +/- 0.50		CHECKED		Xiang Wang						04/17/19	
XX +/- 0.20		CHECKED						TITLE PCle/SAS VERTICAL SMT RECEPTACLE			
XXX +/- 0.15											
FRACTIONS +/- 3"		DRAWING FILE :						SIZE A3			
ANGLES +/-		PC MASTER DRAWING/PSAS/PSAS4F31301300X-2									
REMOVE SHARP EDGES		ANGLE OF PROJECTION						DRAWING NO. PSAS4F313013XXX			
DIMENSIONS											
U.S. INCHES								REV. 2			
(METRIC) (MM)											
				SCALE		NONE		SHEET 2 OF 3			

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CUSTOMER DRAWING

REVISIONS

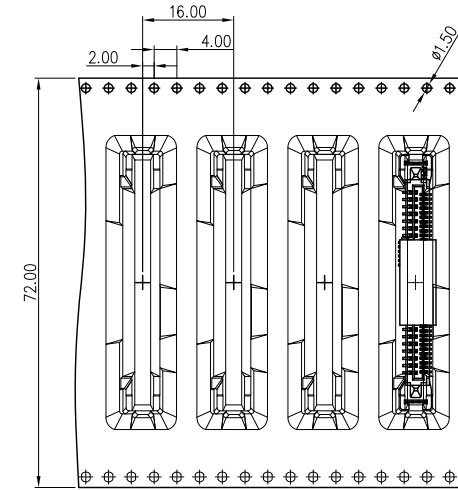
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



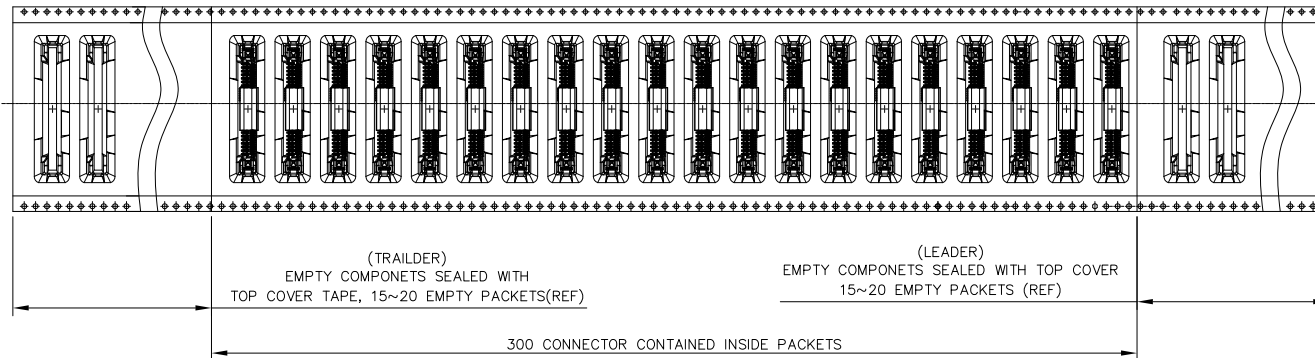
USER'S FEEDING DIRECTION

PACKING DIRECTION

CUSTOMER'S FEEDING DIRECTION



DETAIL A
SCALE 2:1



CUSTOMER'S FEEDING DIRECTION



UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL		DATE		Amphenol Amphenol East Asia Limited		
U.S.			DRAWN		Jackie.Tan				
METRIC			CHECKED		Xiang.Wang		04/17/19		
.X +/- 0.50			CHECKED						
.XX +/- 0.25									
.XXX +/- 0.20									
FRACTIONS +/-									
ANGLES +/- 3°									
FOR MATERIALS AND FINISHES SEE NOTES			DRAWING FILE :		TITLE		PCIe/SAS VERTICAL SMT RECEPTACLE		
REMOVE SHARP EDGES			PT MASTER_DRAWING/PSAS/PSAS4F313013XXX-2						
DIMENSIONS			ANGLE OF PROJECTION		SIZE		DRAWING NO.		
U.S.					A3		PSAS4F313013XXX		
INCHES							REV.		
(METRIC)			(MM)		SCALE		NONE		
					SHEET		3 OF 3		