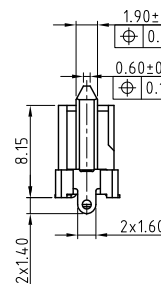
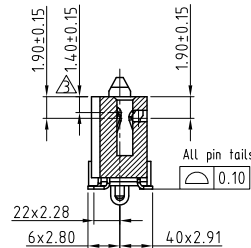
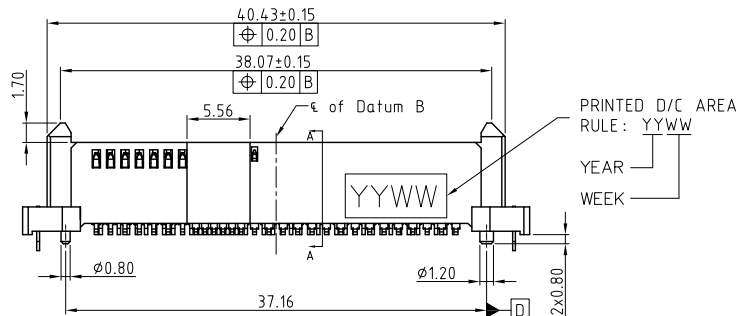
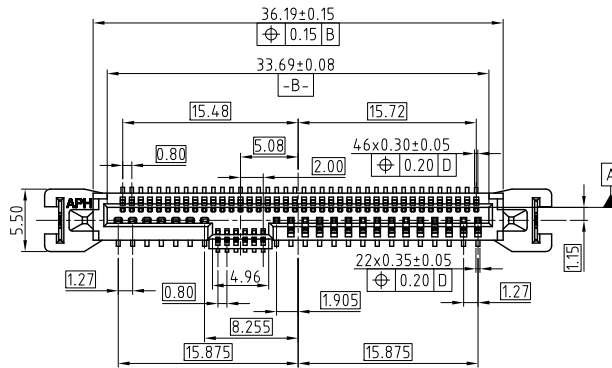
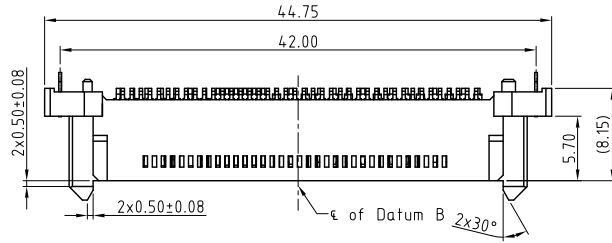


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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	08/30/18	IP
2	N/A	UPDATED DESIGN	11/07/18	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
PSAS4F313008XXX

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



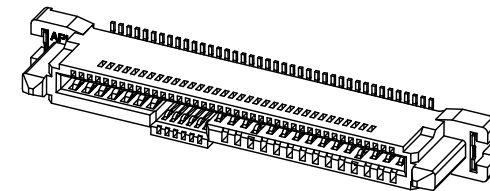
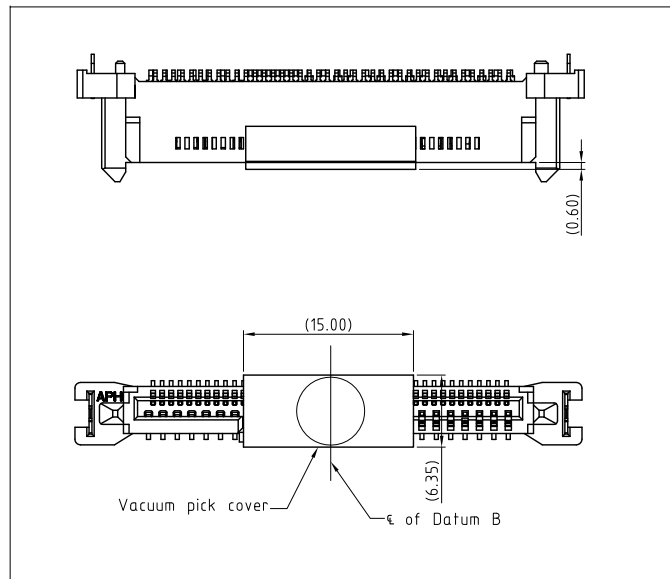
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol Amphenol East Asia Limited			
U.S.		DRAWN		Jackie.Tan				11/07/18	
METRIC		CHECKED		Xiang.Wang				11/07/18	
.X		+/-		0.50		TITLE PCIe/SAS V/I T SMT 68PIN SOCKET			
.XX		+/-		0.25					
.XXX		+/-		0.15					
FRACTIONS		+/-							
ANGLES		+/-		3°					
FOR MATERIALS AND FINISHES SEE NOTES						DRAWING\PSAS\PSAS\PSAS4F313008XXX-2			
REMOVE SHARP EDGES						ANGLE OF PROJECTION			
DIMENSIONS						SIZE			
U.S.						DRAWING NO.			
INCHES						A3			
(METRIC)						PSAS4F313008XXX			
(MM)						2			
						SCALE			
						NONE			
						SHEET 1 OF 3			

CUSTOMER DRAWING

Technical drawing of a mechanical assembly, likely a turbine or compressor section, showing a cross-section with various components labeled (E1, E6, E16, E17, E25, E7, S1, S7, S8, S28, P1, P15) and dimensions. The drawing includes a central shaft with a series of blades or vanes. Key dimensions include overall length 42.00, blade spacing 0.80, and various diameters like 0.90 and 1.30. The drawing is oriented horizontally with a vertical centerline.

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

With Pick-up Cover



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol			
U.S. METRIC		DRAWN		Jackie.Tan				Amphenol East Asia Limited	
.X +/- 0.50		CHECKED		Xiang.Wang					
.XX +/- 0.25		CHECKED							
.XXX +/- 0.15									
FRACTIONS +/-									
ANGLES +/- 3°									
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		PCle/SAS/PSAS/PSAS4F313008XXX-2		TITLE			
REMOVE SHARP EDGES						PCle/SAS V/T SMT 68PIN SOCKET			
DIMENSIONS		ANGLE OF PROJECTION		SIZE		DRAWING NO.			
U.S. INCHES				A3		PSAS4F313008XXX			
METRIC (MM)				SCALE		NONE			
				SHEET		2 OF 3			

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CUSTOMER DRAWING

REVISIONS

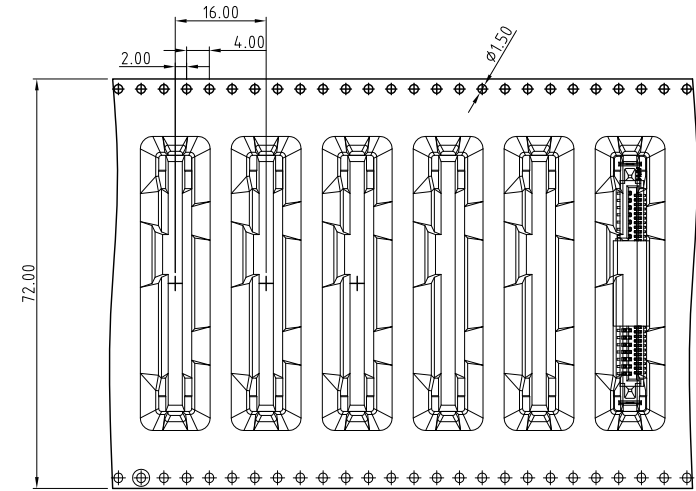
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



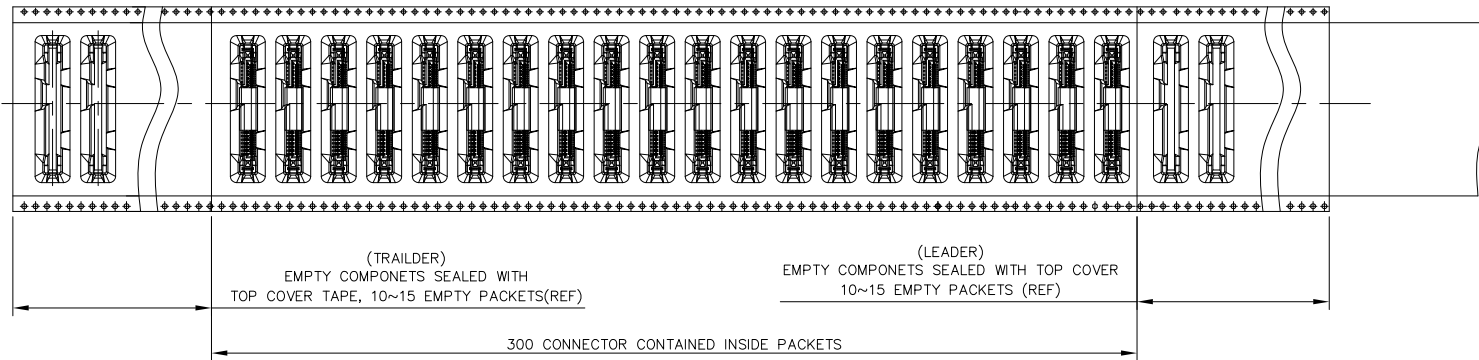
USER'S FEEDING DIRECTION

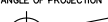
PACKING DIRECTION

CUSTOMER'S FEEDING DIRECTION



DETAIL A
SCALE 2:1



UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE		Amphenol Amphenol East Asia Limited		TITLE PCIe/SAS V/T SMT 68PIN SOCKET	
TOLERANCES		DRAWN	Jackie Tan	11/07/18					
U.S.		CHECKED	Xiang Wang	11/07/18					
METRIC		CHECKED							
.X	+/-								
.XX	+/-								
.XXX	+/-								
FRACTIONS	+/-								
ANGLES	+/-								
FOR MATERIALS AND FINISHES		DRAWING FILE :		DRAWING/PSAS/PSAS/PSAS4F31008XXX-2					
SEE NOTES									
REMOVE SHARP EDGES		ANGLE OF PROJECTION							
DIMENSIONS									
U.S.						SIZE		DRAWING NO.	
INCHES						A3		PSAS4F31008XXX	
(METRIC)		(MM)				SCALE		NONE	
						SHEET		3 OF 3	
						REV.		2	