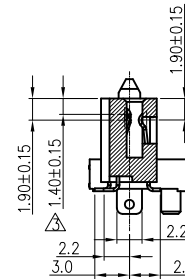
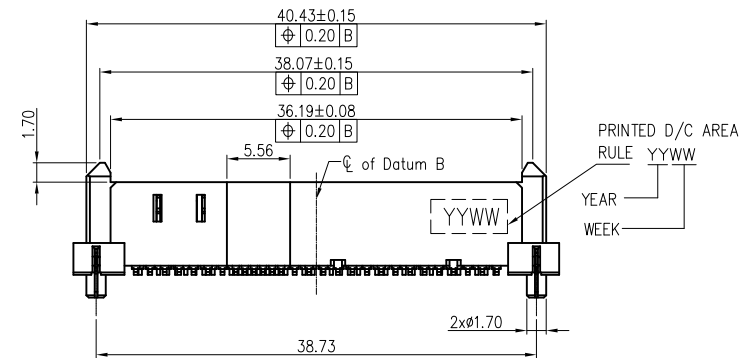
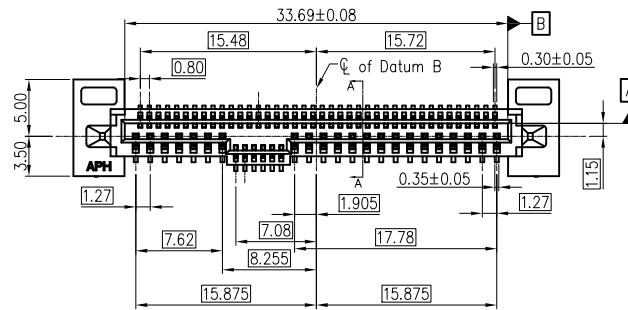
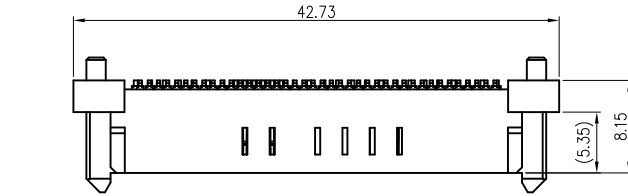
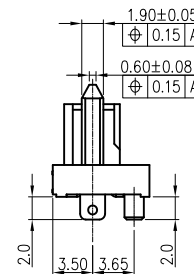


REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK7795	FIRST RELEASE	04/16/18	IP
2	NA	UPDATED PCB LAYOUT BY CUSTOMER REQUEST	05/11/18	IP



SECTION A-A
SCALE 1:1



NOTES

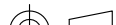
- MATERIAL
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, COLOR:BLACK.
 - CONTACTS : PHOSPHOR BRONZE
PLATING: REFER TO P/N SYSTEM ON MATING AREA.
1.27um MIN NICKEL UNDER PLATED OVERALL.
2.54um MIN PURE MATTE TIN ON SOLDER TAILS.
 - SOLDER CLIPS: COPPER ALLOY
2.54um MIN PURE MATTE TIN OVER 1.27um 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: 0°C~+55°C
- PREMATING AT P4 & P12
- 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: PSAS4F313002XXX

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

PACKING STYLE
NIL- TRAY
TR- TAPE AND REEL

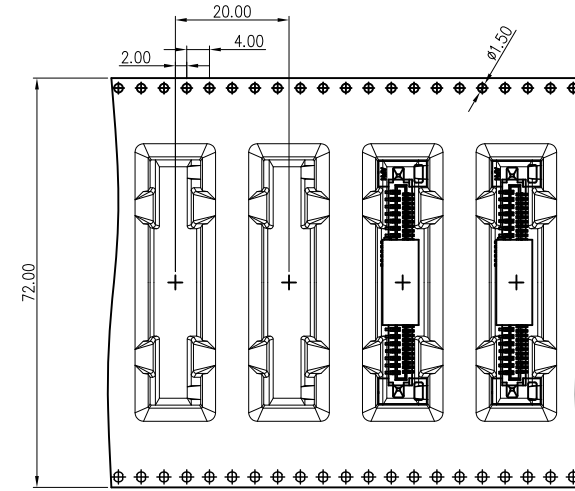
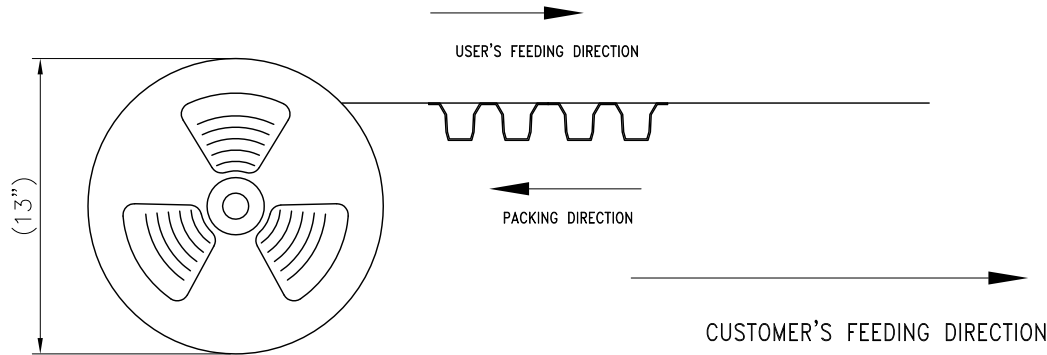
CUSTOMER DRAWING



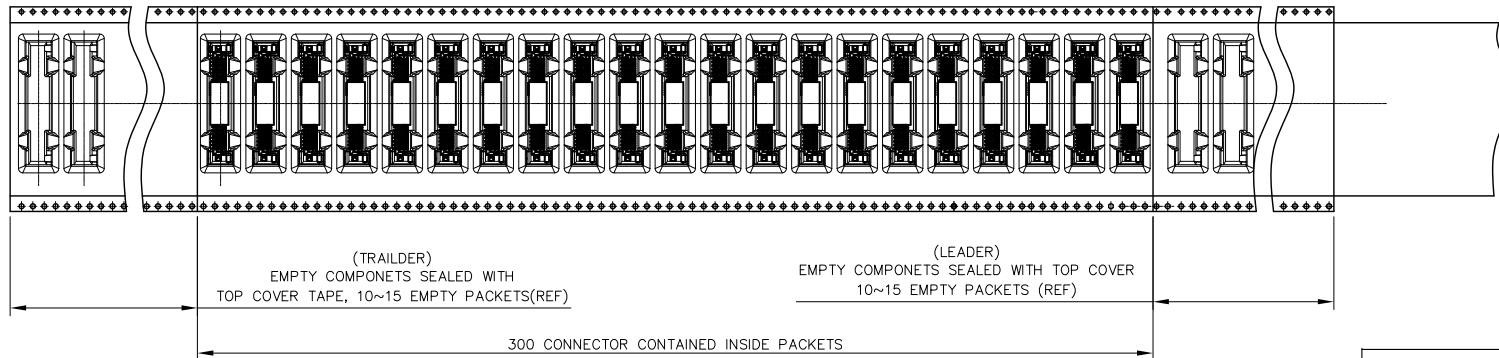
UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.50 .XX +/- 0.25 .XXX +/- 0.20 FRACTIONS +/- 3" ANGLES +/- FOR MATERIALS AND FINISHES SEE NOTES		APPROVAL DRAWN Jackie Tan CHECKED Kiang Wang CHECKED		DATE 05/11/18 05/11/18		Amphenol Amphenol East Asia Limited		TITLE Customer Drawing For U.2 GEN4 VERTICAL SMT RECEPTACLE	
REMOVE SHARP EDGES		DRAWING FILE : PE MASTER (DRAWING) PSAS4F313002XXX-2							
DIMENSIONS U.S. INCHES (METRIC) (MM)		ANGLE OF PROJECTION 		SIZE A3		DRAWING NO. PSAS4F313002XXX		REV. 2	
				SCALE NONE		SHEET 1 OF 3			

REVISIONS

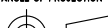
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



DETAIL A
SCALE 1:2

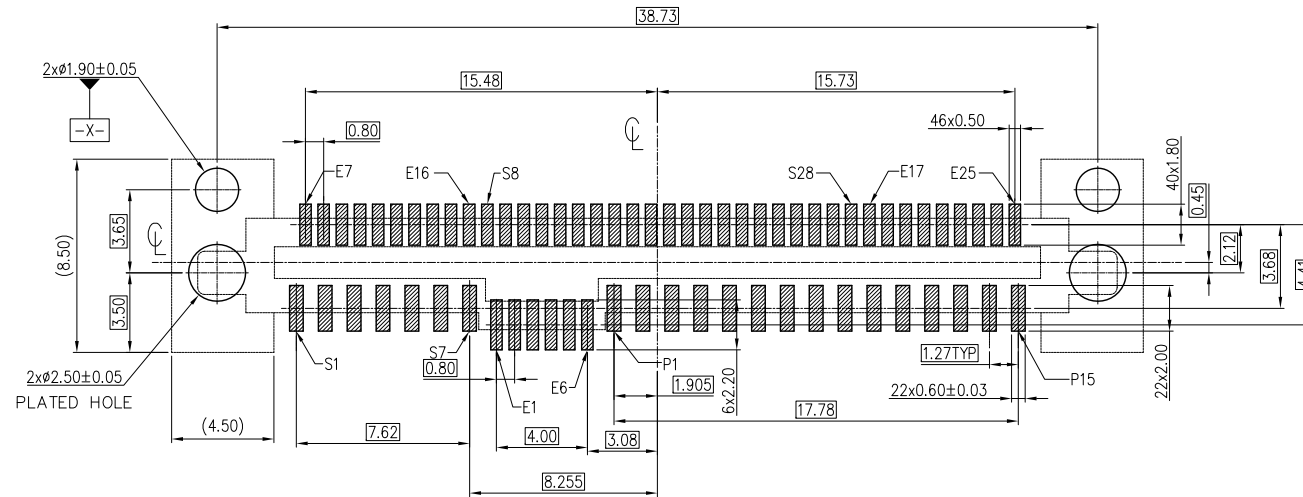


CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL		DATE		Amphenol Amphenol East Asia Limited					
U.S.			DRAWN		Jackie.Tan						05/11/18	
METRIC			CHECKED		Kiang.Wang						05/11/18	
			CHECKED									
.X +/- 0.50			DRAWING FILE : PE MASTER (DRAWING) PSAS/PSAS4F313002XXX-2									
.XX +/- 0.25												
FRACTIONS +/- 0.25												
ANGLES +/- 0.50												
3°			TITLE Customer Drawing For U.2 GEN4 VERTICAL SMT RECEPTACLE									
FOR MATERIALS AND FINISHES SEE NOTES												
REMOVE SHARP EDGES												
DIMENSIONS												
U.S.			ANGLE OF PROJECTION 									
INCHES												
(METRIC)												
(MM)												
			SIZE		DRAWING NO.		REV.					
			A3		PSAS4F313002XXX		2					
			SCALE		NONE		SHEET 2 OF 3					

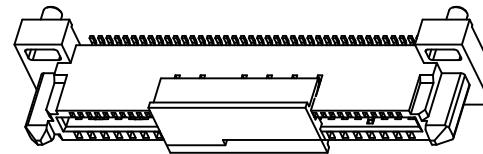
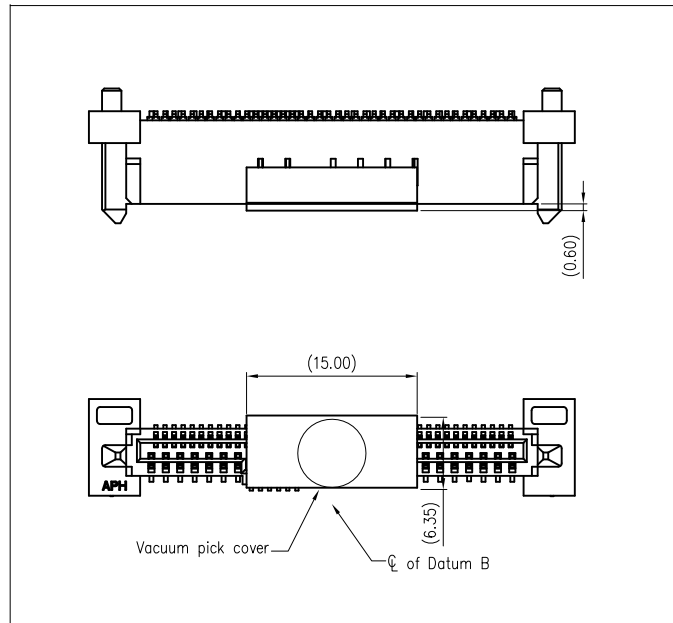
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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
REFER TO SHEET 1				



WITH VACUUM PICK COVER

RECOMMENDED PCB LAYOUT



CUSTOMER DRAWING



UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE		Amphenol	
TOLERANCES		DRAWN Jackie Tan		05/11/18		Amphenol East Asia Limited	
U.S.		CHECKED Kiang Wang		05/11/18		TITLE	
X +/-		CHECKED				Customer Drawing For	
XX +/-		CHECKED				U.2 GEN4 VERTICAL SMT RECEPTACLE	
XXX +/-		DRAWING FILE :				SIZE	
FRACTIONS +/-		FILE MASTER (DRAWING) PSAS/PSAS4F313002XXX-2				DRAWING NO.	
ANGLES +/-		ANGLE OF PROJECTION				REV.	
REMOVE SHARP EDGES						A3	
DIMENSIONS						SCALE	
U.S.						NONE	
(METRIC)						SHEET 3 OF 3	