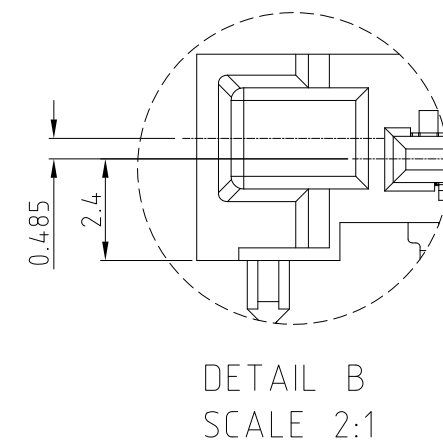
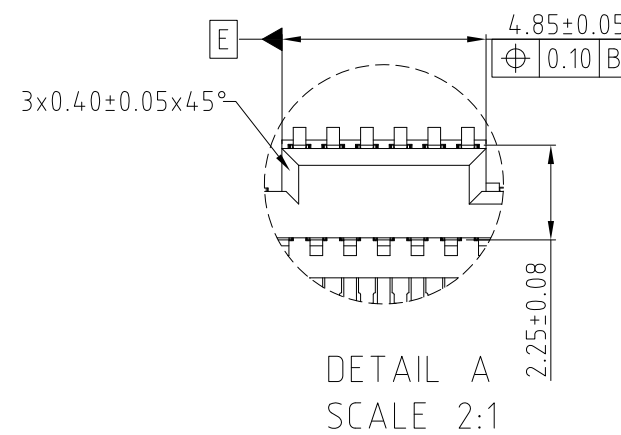
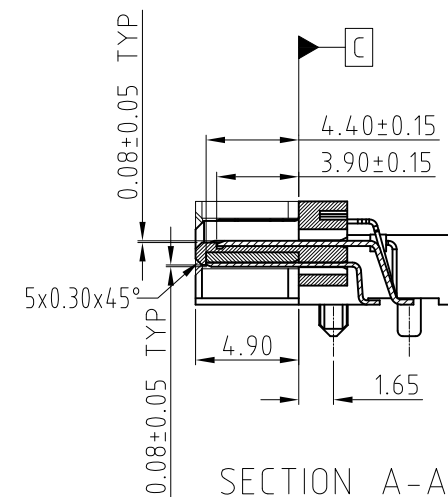
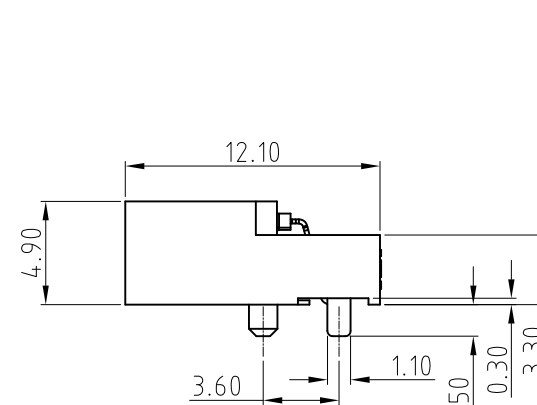
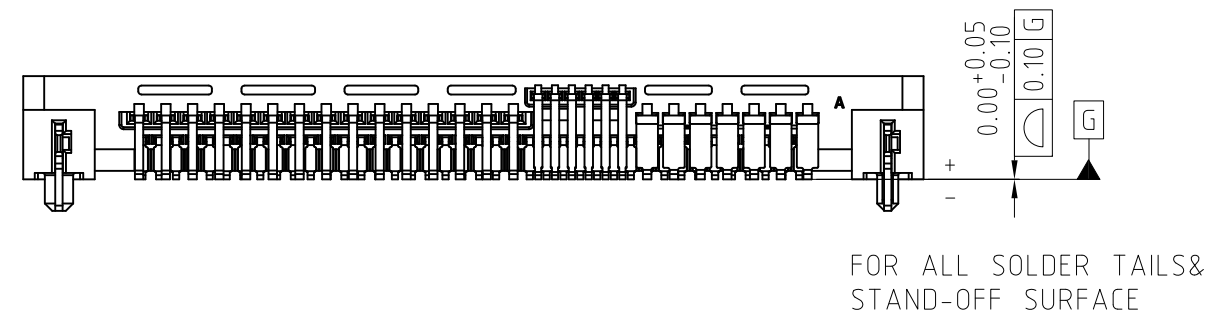
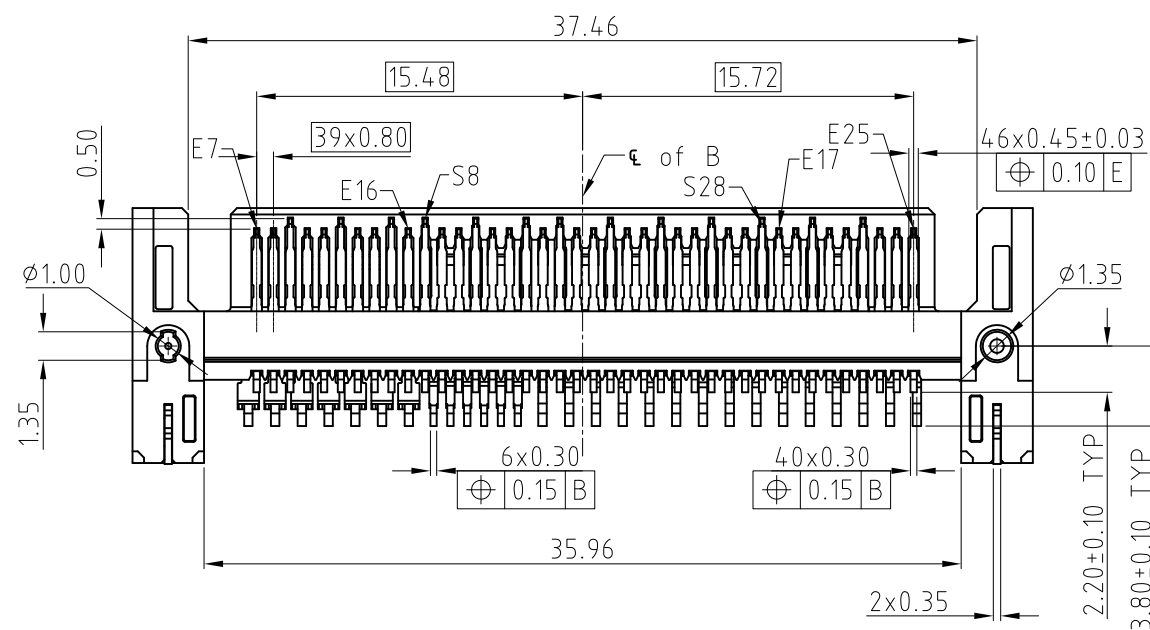
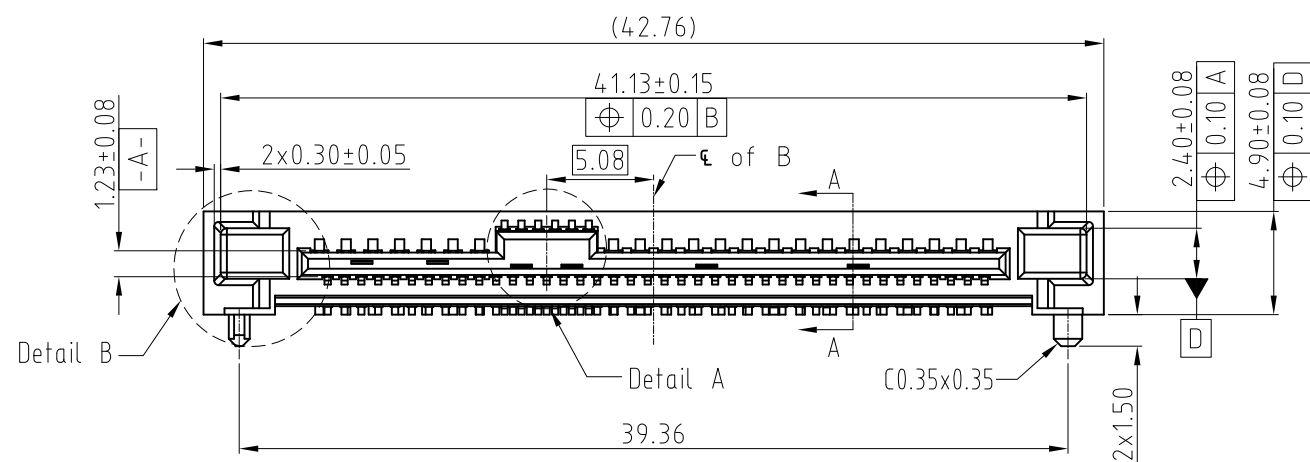
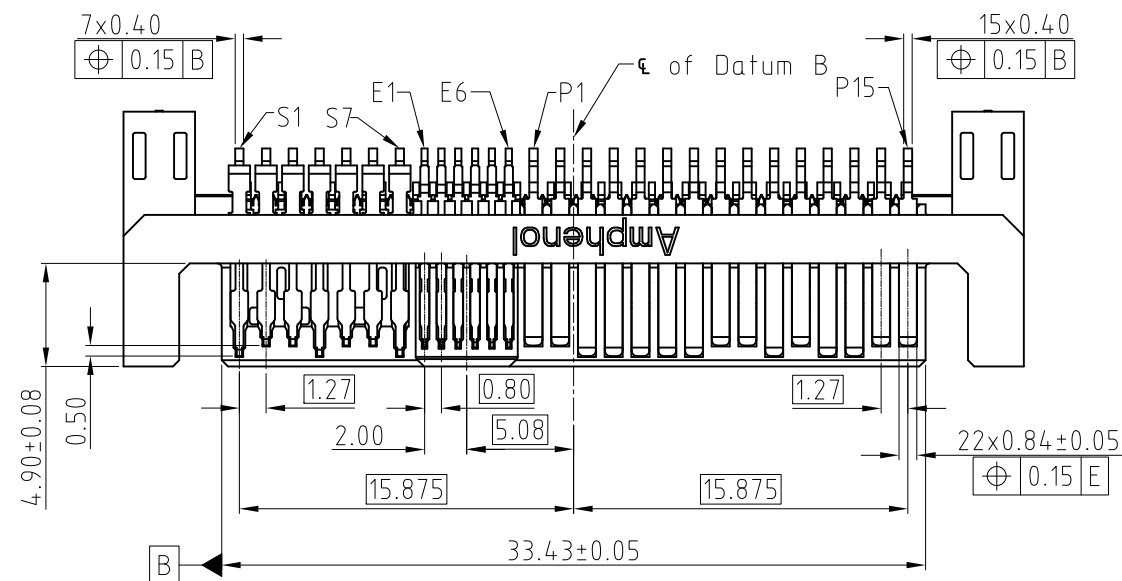


4

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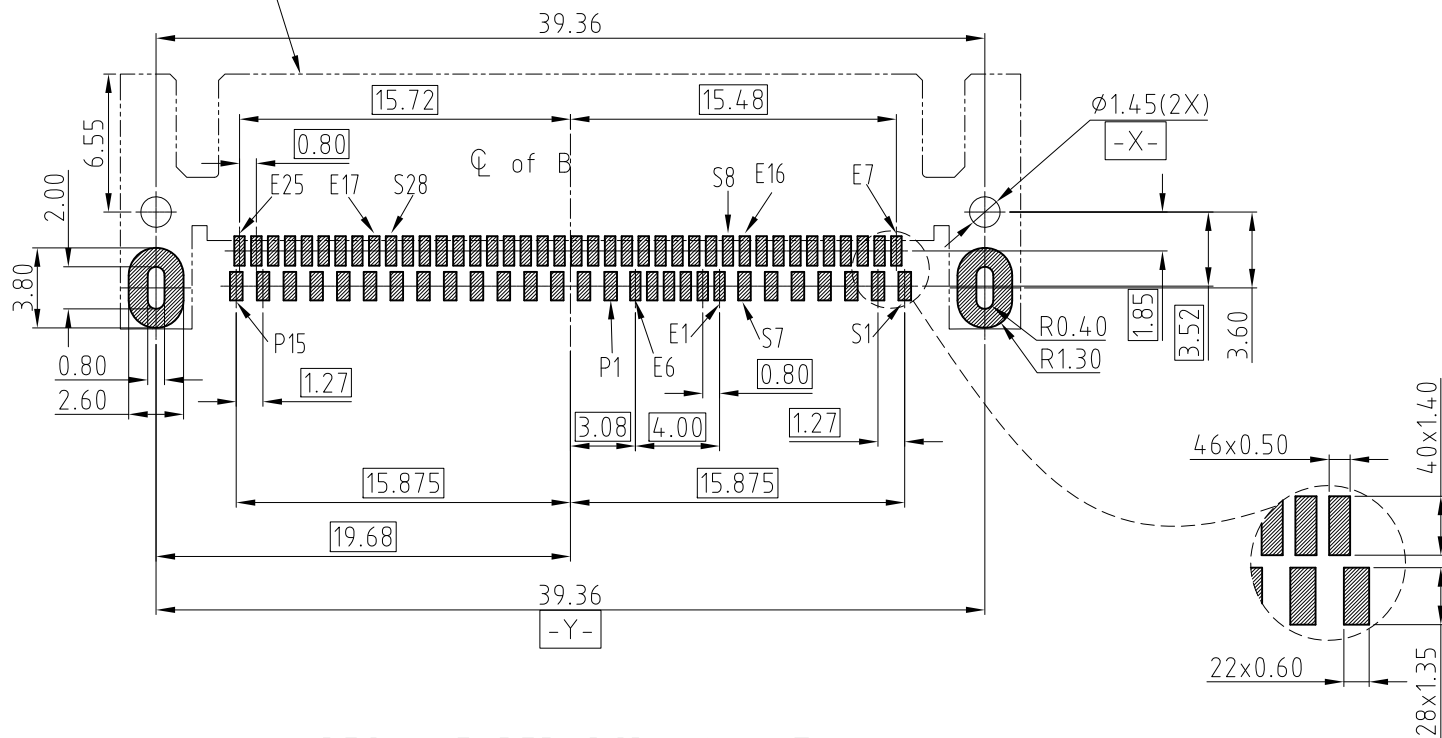
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK----	FIRST RELEASE	09/14/18	IP



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- 0.20 .XX +/- 0.20 .XXX +/- 0.20 FRACTIONS +/- ANGLES +/- 3° FOR MATERIALS AND FINISHES SEE NOTES		APPROVAL		DATE		Amphenol Amphenol East Asia Limited			
		DRAWN	Evan Dai	09/14/18					
		CHECKED							
		CHECKED							
REMOVE SHARP EDGES		DRAWING FILE :		TITLE		Customer Drawing For PCIe/SAS R/A SMT Plug Connector, CH=2.4			
		PE MASTER(DRAWING)PSAS1PSASM213002XXX-1							
DIMENSIONS		ANGLE OF PROJECTION		SIZE		DRAWING NO.		REV.	
U.S. INCHES				A3		PSAS5M213002XXX		1	
(METRIC) (MM)				SCALE		NONE		SHEET 1 OF 3	

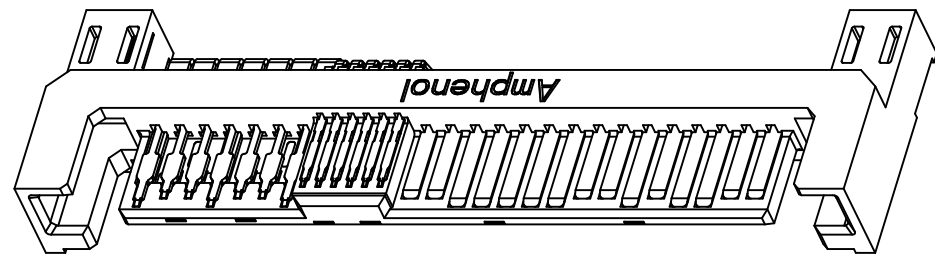
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		

CONNECTOR OUTLINE



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE ± 0.05

SCALE 2:1

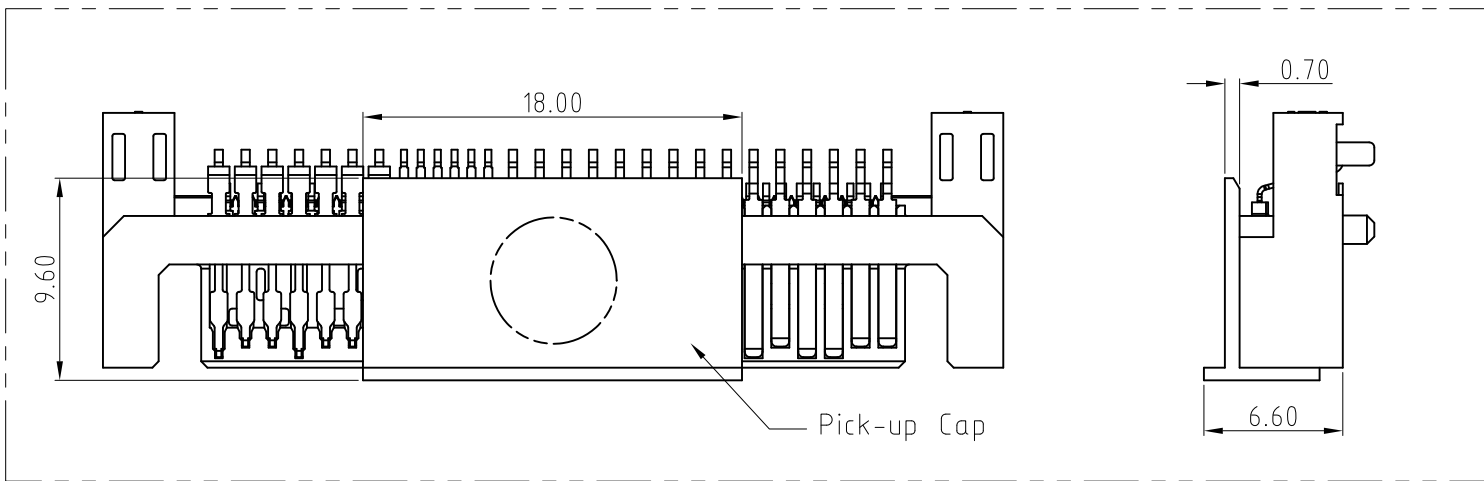


NOTES:

- MATERIAL:
 - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, COLOR:BLACK.
 - CONDUCTIVE PLASTIC:LIQUID CRYSTAL POLYMER,UL94V-0, COLOR: BLACK
 - CONTACTS: COPPER ALLOY
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
- 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.
- SUPPORT FOR PCIE GEN 5
- ORDER P/N SYSTEM: PSAS4M213002XXX

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	
.X	+/-	DRAWN	Evan.Dai		
.XX	+/-	CHECKED		Amphenol East Asia Limited	
.XXX	+/-	CHECKED		Customer Drawing For	
FRACTIONS +/-		DRAWING FILE :		PCle/SAS R/A SMT Plug Connector, CH=2.4	
ANGLES +/-	3°	PE MASTER/DRAWING/PSAS/PSAS5M213002XXX-1		SIZE	DRAWING NO.
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION		A3	PSAS5M213002XXX
REMOVE SHARP EDGES		SCALE		NONE	REV. 1
DIMENSIONS		SHEET		2	OF 3
U.S.	INCHES				
(METRIC)	(MM)				

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REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		REFER TO SHEET 1		

