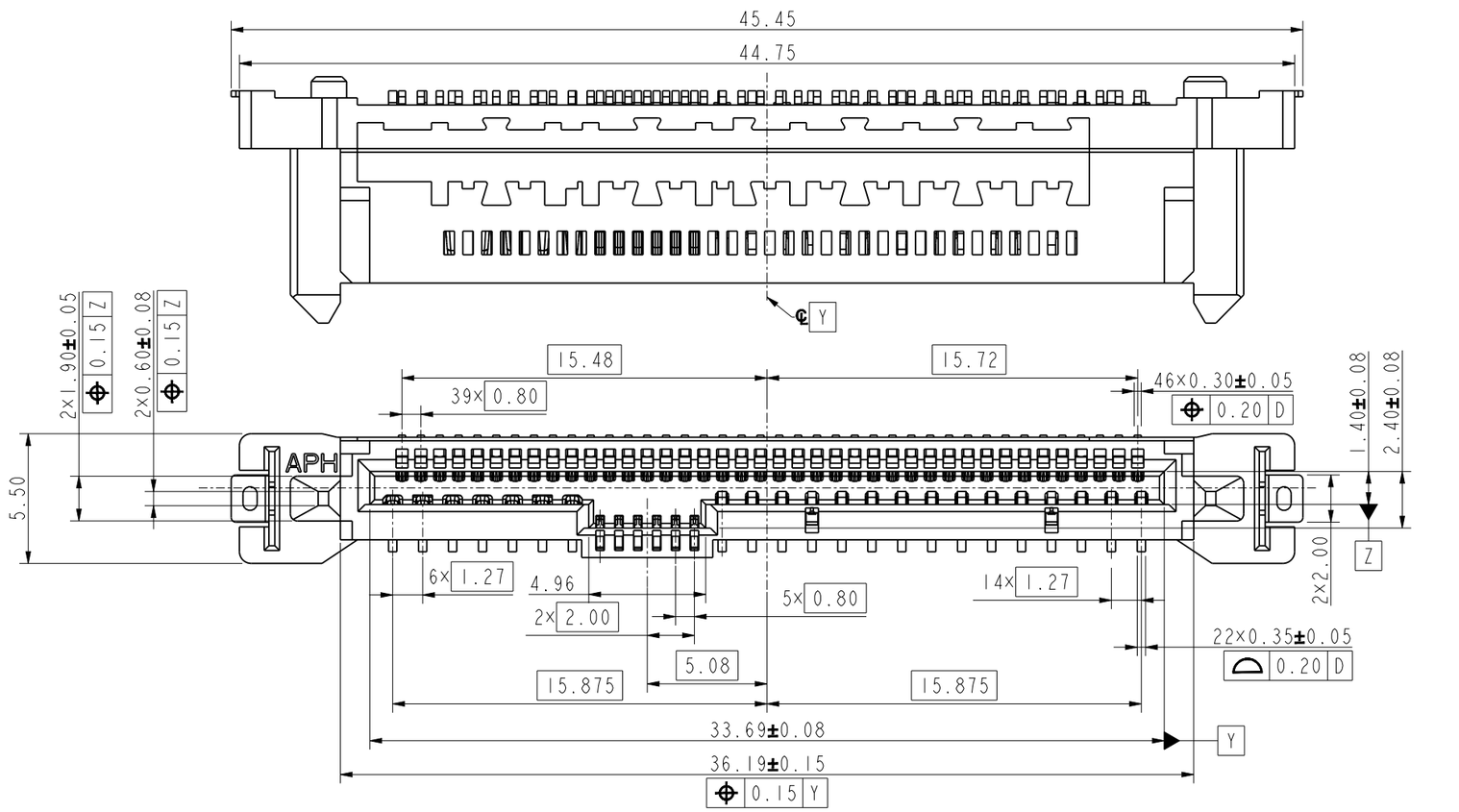
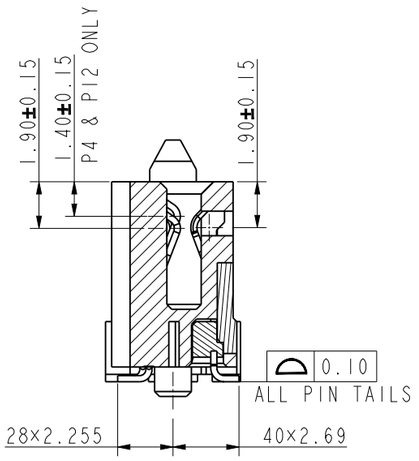
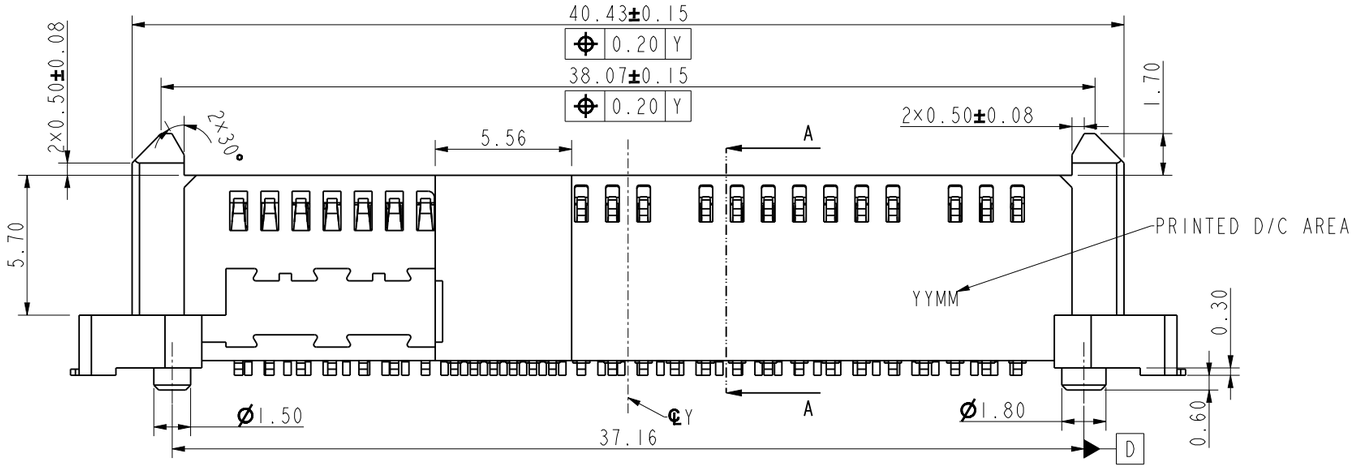
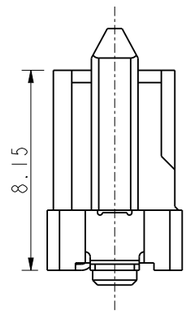
revision history				
rev	ecn no	description	dr	date
A	EXL-CD-FXXX	FIRST RELEASE	Teng	2022/03/01
A1	EXL-CD-FXXX	CHANGE RECOMMEND PCB LAYOUT	KY	2022/04/20





SECTION A-A





spec ref				dr	Kellen.Yang	Apr.20,2022	Amphenol
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Kellen.Yang	Apr.20,2022	amphenol-icc.com
				rvwr			
				appr			
surface	linear	0.X	±0.50	projection	title	PCIe / SAS VERTICAL SMT	dwg no PSAS5F313019XXX
		0.XX	±0.25				cat. no.
		0.XXX	±0.20				
	angular	0°	±3°				
product family	PSAS						

MM	scale	size	rev
	4:1	A3	A1
ecn no	EXL-CD-FXXX		
rel level	PROPOSAL		
sheet 1 of 2			

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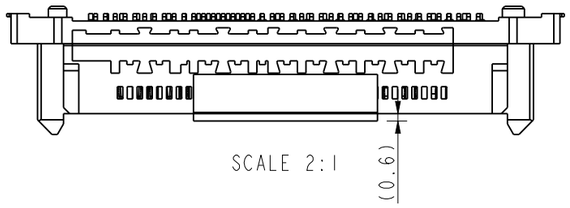
revision history				
rev	ecn no	description	dr	date
-	-	SEE SHEET 1	-	-

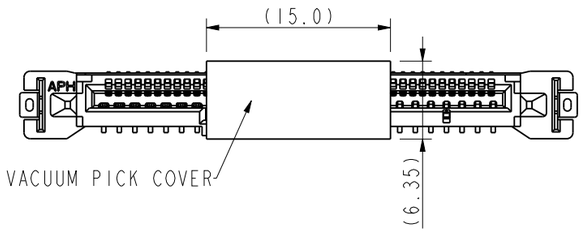
NOTE:
1. MATERIAL:
   1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC,BLACK,UL94-V0,HALOGEN FREE.
   1.2 CONTACT: PHOSPHOR BRONZE
   1.3 BOARD LOCK: COPPER ALLOY
2. PLATING:
   2.1 CONTACTS:MATING AREA PLEASE REFER TO PN SYSTEM,1.27um MIN Ni UNDERPLATED
   SOLDER TAIL 2.54um MIN MATTE TIN,1.27um MIN Ni UNDERPLATED
   2.2 BOARD LOCK:2.54um MIN MATTE TIN 2.54um MIN Ni UNDERPLATED
3. ELECTRICAL PERFORMANCE:
   2.1 CURRENT RATING: 1.5A/PER PIN (POWER SECTION).
   3.2 CONTACT RESISTANCE: 30mΩ MAX (INITIAL)
   3.3 INSULATION RESISTANCE: 1000MΩ MIN
   3.4 DIELECTRIC STRENGTH: 500 VAC FOR 1 MINUTE
   3.5 OPERATION TEMPERATURE: -55°C~+105°C
4. SUPPORT PCIe GEN5.
5. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC#S-SN-002.
6. ALL GND PINS CONNECT TOGETHER.
   S1,S4,S7,E9,E12,E15,S8,S11,S14,S16,S19,S22,S25,S28,E19,E22
7. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC#S-SN-002 AND SPEC#S-SN-004
8. ORDER P/N SYSTEM: PSAS5F313019XXX

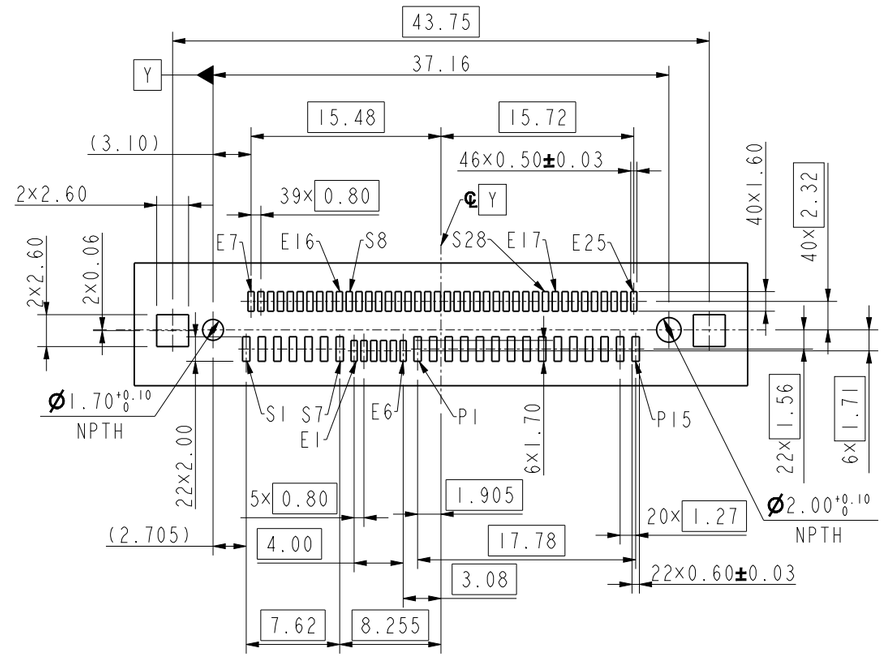
MATING AREA PLATING
1- 0.76um MIN Au.
2- 0.38um MIN Au.
3- GOLD FLASH

PACKING SYSTEM
NIL- TRAY WITHOUT PICK-UP CAP
C- TRAY WITH PICK-UP CAP
TR- TAPE AND REEL WITH PICK-UP CAP
NT- TAPE AND REEL WITH OUT PICK-UP CAP

WITH PICK-UP COVER







SCALE 2:1

RECOMMENDED PCB LAYOUT (TOP VIEW)
GENERAL TOTLERANCE ±0.05 (PCB THICKNESS: 1.0~2.0MM)

spec ref				dr	Kellen.Yang	Apr.20,2022	Amphenol	MM	scale 4:1 / size A3
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Kellen.Yang	Apr.20,2022			
				rvwr				ecn no	EXL-CD-FXXX
				appr			amphenol-icc.com	rel level	PROPOSAL
surface	linear	0.X	±0.50	projection		title	PCIe / SAS VERTICAL SMT	dwg no	PSAS5F313019XXX / rev A1
		0.XX	±0.25					cat. no.	
		0.XXX	±0.20						
	angular	0°	±3°			product family	PSAS		sheet 2 of 2

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