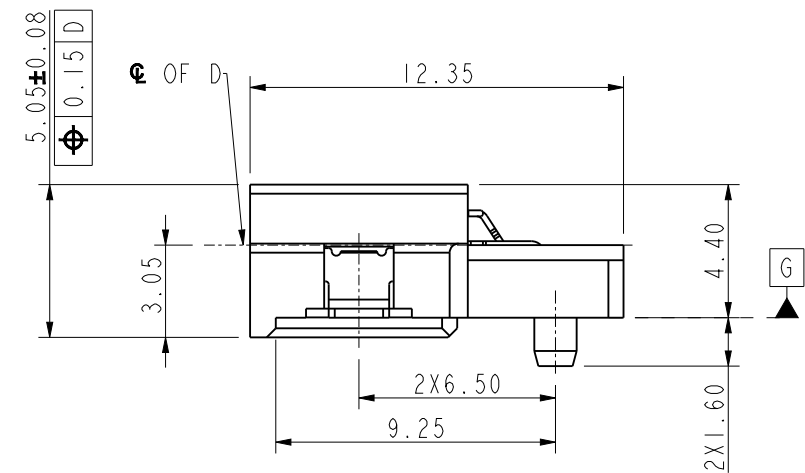
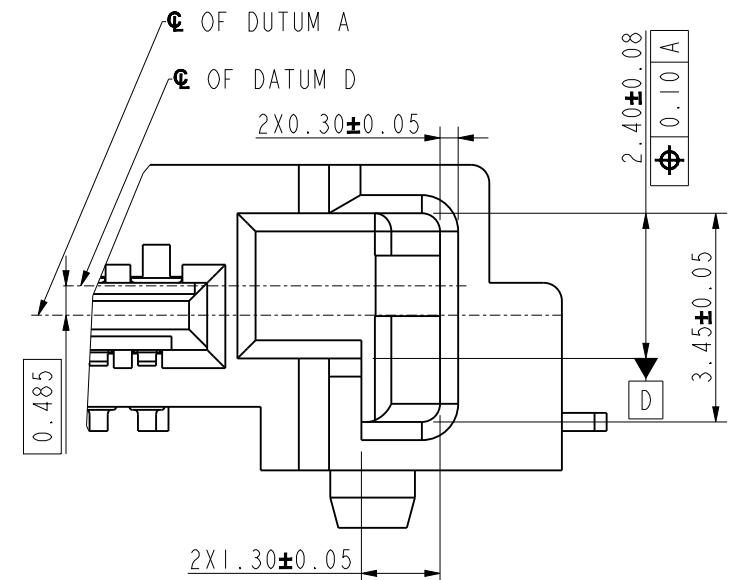


	Amphenol			scale 4:1	size A3
		ecn no		ELX-CD-F3280-1	
amphenol-icc.com		rel level		RELEASE	
R / A SMT CONNECTOR	dwg no	PSAS5M213031XXX			rev
	cat. no.			A	
	PSAS			sheet 1 of 4	



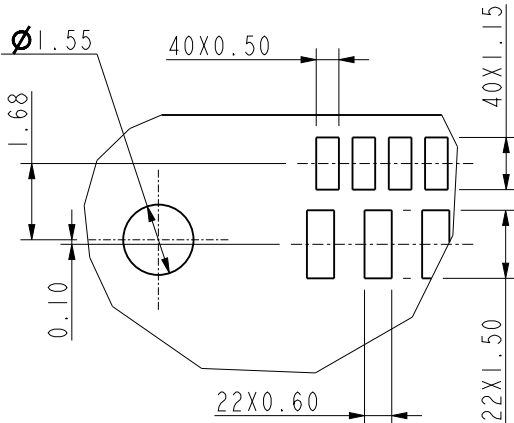
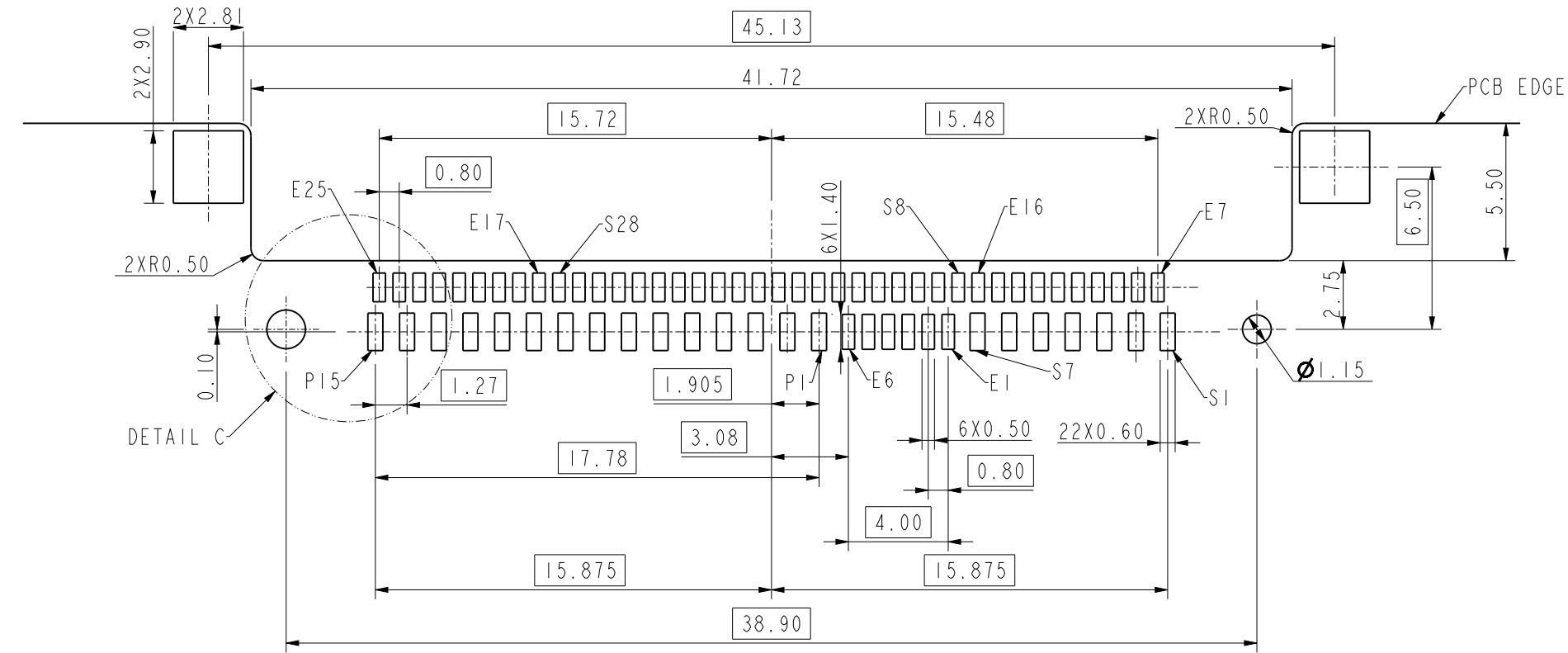
spec ref				dr	Kellen Yang	Sep.19,2023	Amphenol			mm	scale	size
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Kellen Yang	Sep.19,2023				←→	4:1	A3
				ecn no		ELX-CD-F3280-1						
				rvwr			amphenol-icc.com			rel level		RELEASE
				appr								
surface	linear	0.X	±0.20	projection	title	PCIe/SAS R/A SMT CONNECTOR	dwg no	PSAS5M2I3031XXX				rev
		0.XX	±0.15				cat. no.	A				
		0.XXX	± /									
	angular	0°	±2°		product family	PSAS				sheet 1 of 4		

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SECTION D-D
SCALE 6:1

Creo File:APH-A3C,REV B,2021-05-07

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



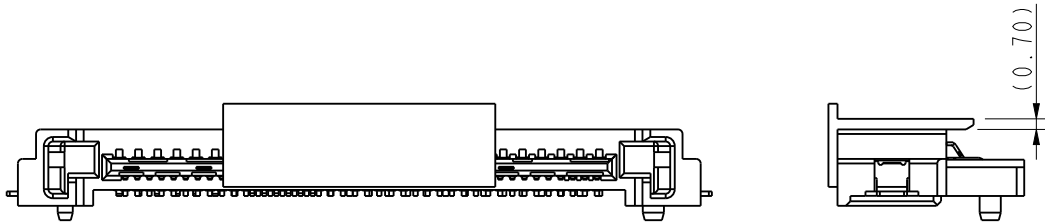
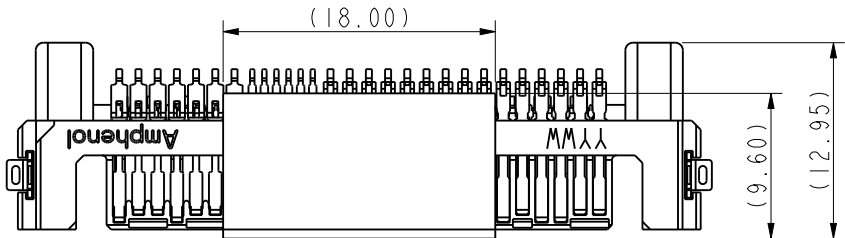
SCALE 4:1
RECOMMENDED PCB LAYOUT (TOP VIEW)
ALL TOLERANCE: $\pm 0.05\text{mm}$, PCB THICKNESS=1.0mm

DETAIL C
SCALE 6:1

- NOTES:
- MATERIAL HOUSING: HIGH TEMPERATURE THERMOPLASTIC UL94V-0, COLOR: BLACK.
CONDUCTIVE PLASTIC: LIQUID CRYSTAL POLYMER, UL94V-0, COLOR: BLACK.
CONTACT: COPPER ALLOY
PLATING: REFER TO P/N SYSTEM ON MATING AREA.
1.27~2.54um NICKEL UNDERPLATE OVERALL.
2.54~5.08um MATTE PURE TIN ON SOLDER TAIL.
BOARD LOCK: COPPER ALLOY, 2.54um MIN. MATTE-TIN PLATED OVERALL, 1.27um MIN. NICKEL UNDERPLATE
 - ELECTRICAL SPECIFICATION:
2.1 CURRENT RATING: 1.5A (POWER SECTION).
2.2 CONTACT RESISTANCE: 30m Ω MAX INITIAL.
2.3 INSULATOR RESISTANCE: 1000M Ω MIN.
2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC
2.5 OPERATION TEMPERATURE: 0°C~+55°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
 - ROHS COMPLIANT
 - ORDER P/N SYSTEM : PSAS5M2I3031XXX

MATING AREA PLATING
1- 0.76um MIN Au.
2- 0.38um MIN Au.
3- GOLD FLASH
4- G/F OVER PdNi

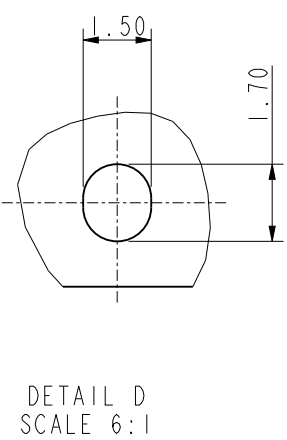
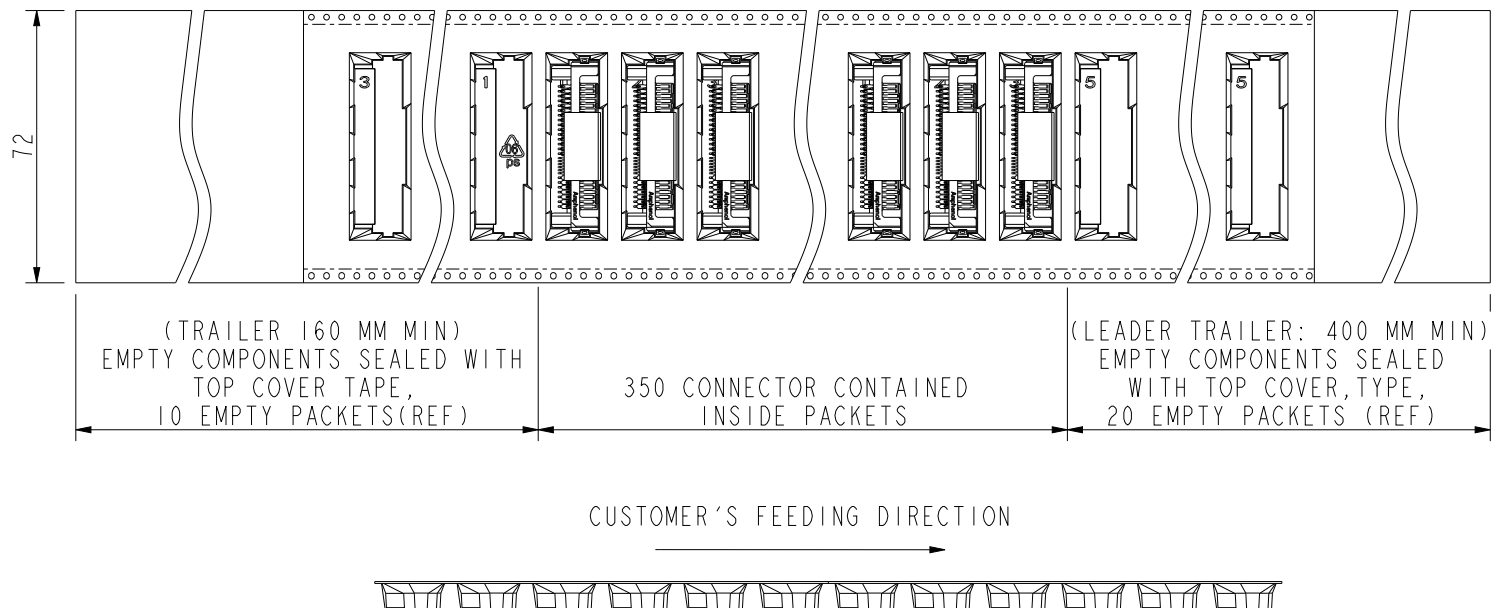
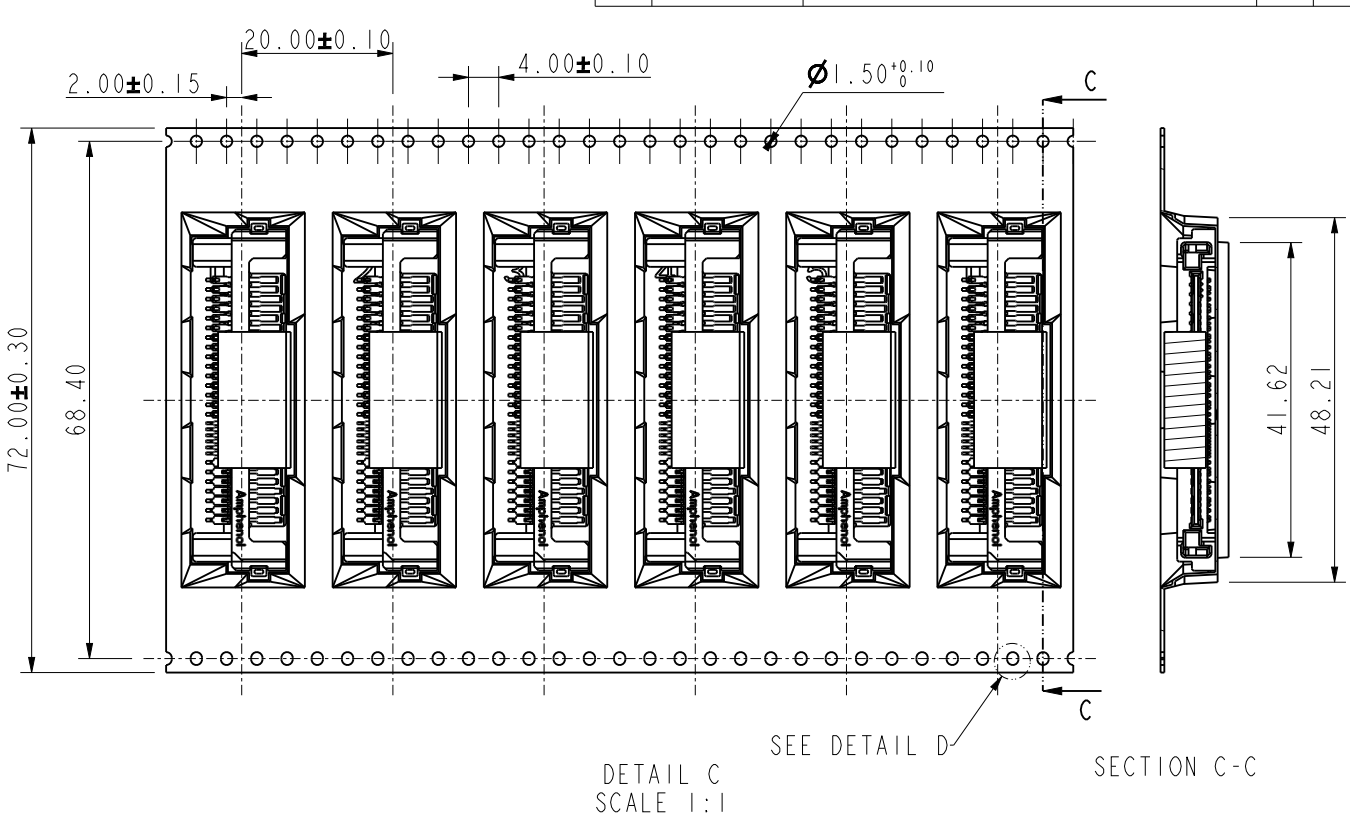
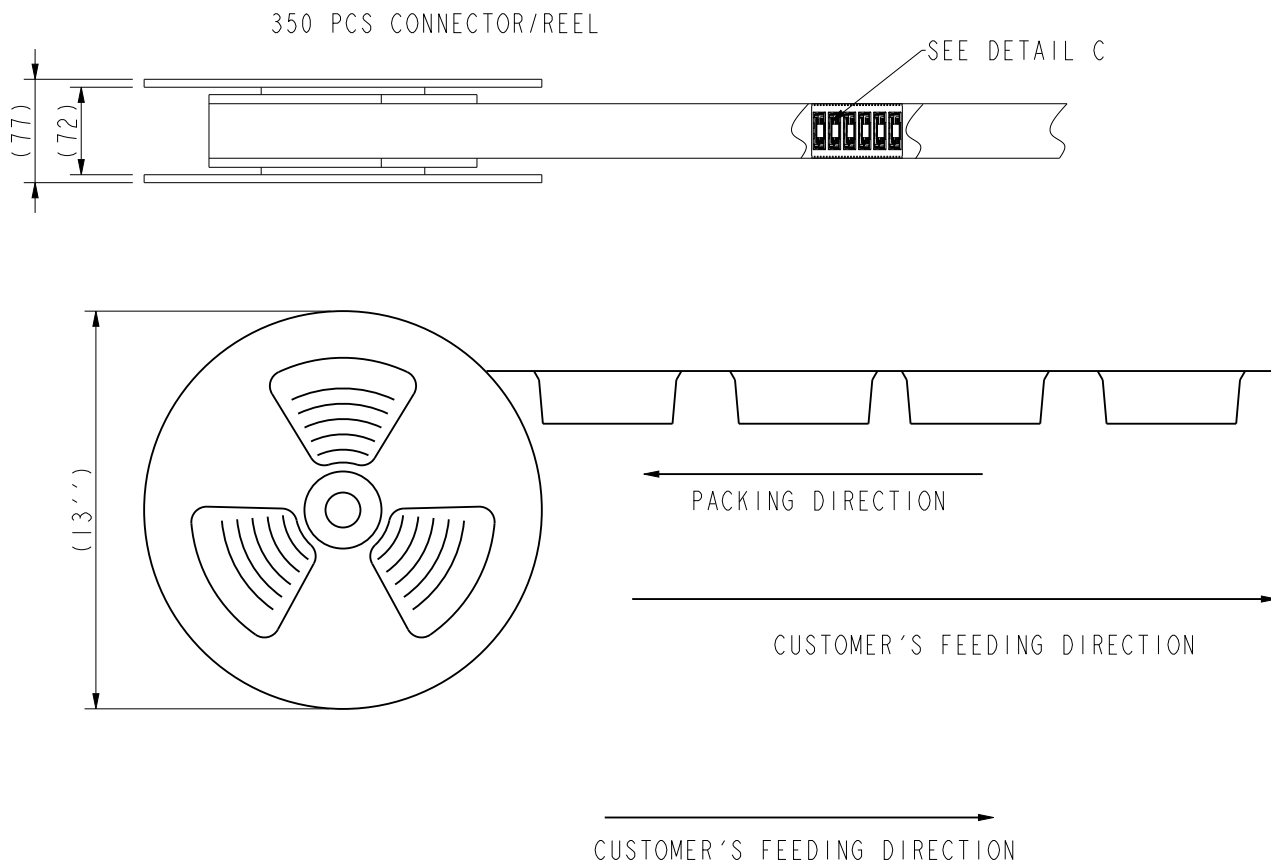
PACKING STYLE
NIL- TRAY
TR- TAPE AND REEL WITH CAP
NT- TAPE AND REEL W/O CAP



CAP OPTION

spec ref				dr	Kellen Yang	Sep.19,2023	Amphenol		scale	size
tolerance std				eng	Kellen Yang	Sep.19,2023			2:1	A3
TOLERANCES UNLESS OTHERWISE SPECIFIED				rvwr					ecn no	ELX-CD-F3280-1
				appr					rel level	RELEASE
surface				projection			amphenol-icc.com		PCIE/SAS R/A SMT CONNECTOR	
✓				title			PSAS		PSAS5M2I3031XXX	
							cat. no.		rev	
							product family		sheet 3 of 4	
linear				0.X			±0.20			
				0.XX			±0.15			
				0.XXX			±/			
angular				0°			±2°			

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



spec ref		dr		Kellen Yang		Sep.19,2023		Amphenol			scale		size						
tolerance std		eng		Kellen Yang		Sep.19,2023					mm		1:1		A3				
		rvwr									ecn no		ELX-CD-F3280-1						
		appr									amphenol-icc.com		rel level		RELEASE				
surface		linear		0.X		±0.20		projection		title		PCIe/SAS R/A SMT CONNECTOR		dwg no		PSAS5M2I3031XXX		rev	
				0.XX		±0.15						cat. no.		A					
				0.XXX		±/						product family		PSAS		sheet 4 of 4			
		angular		0°		±2°													