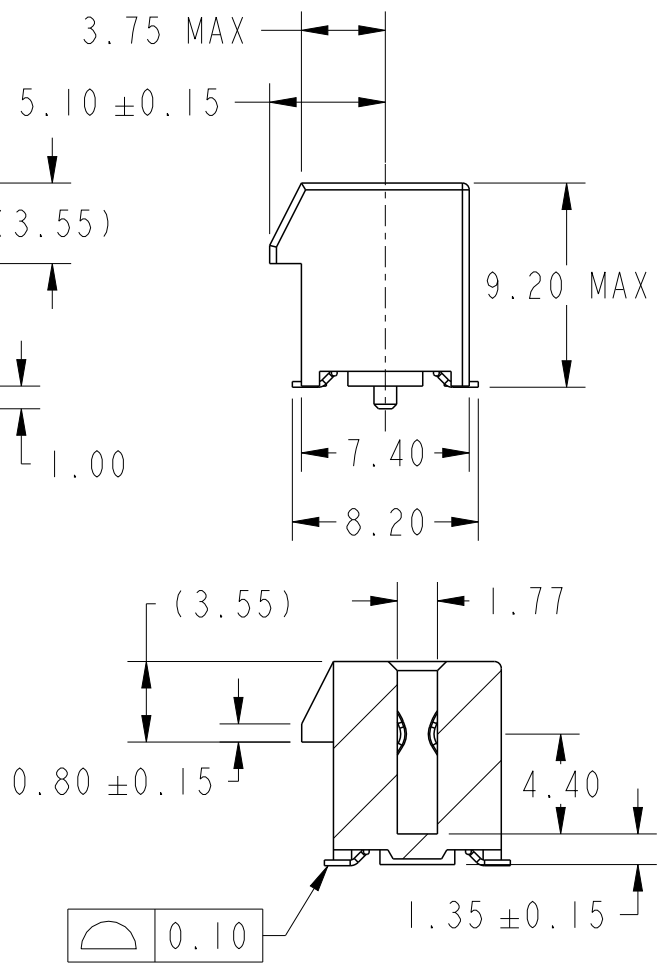
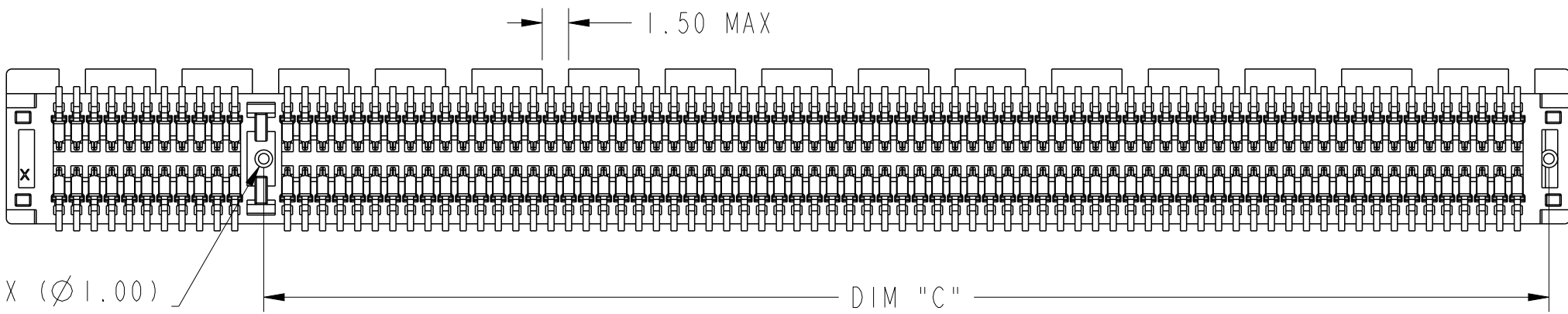
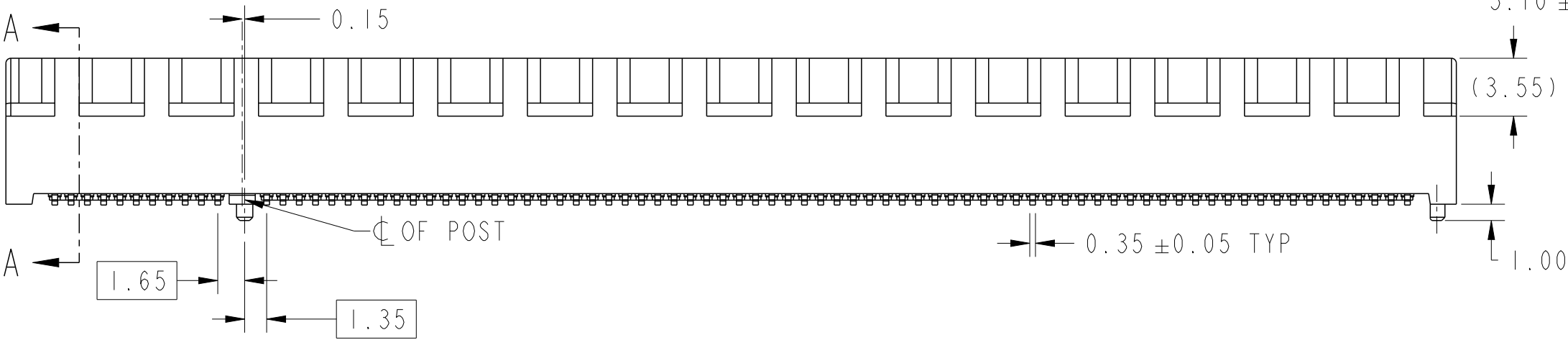
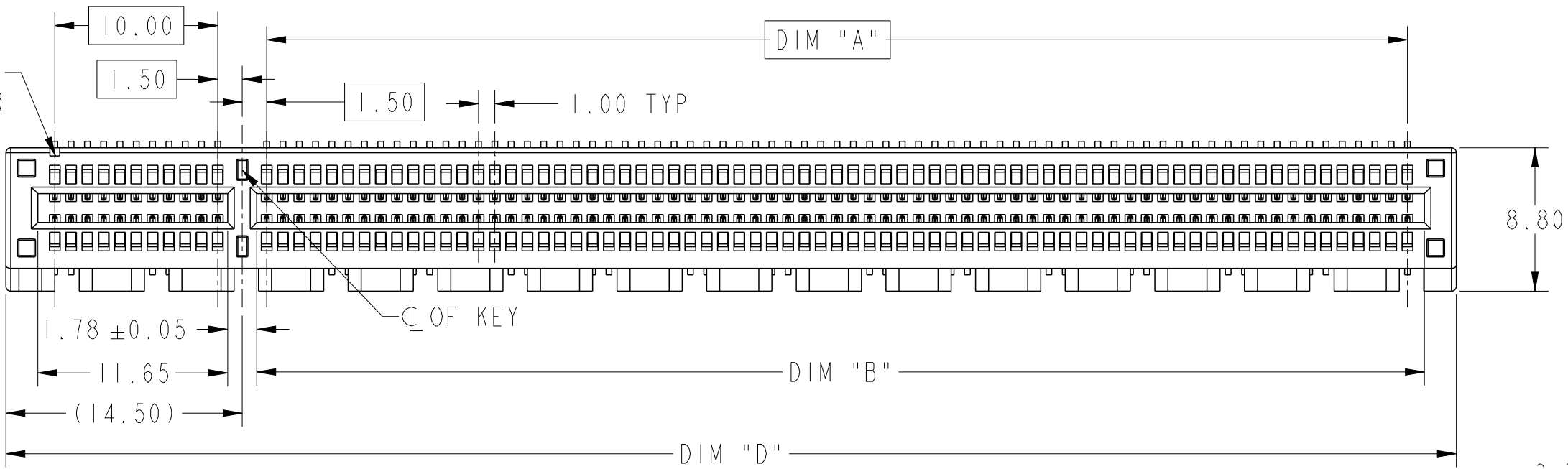


PRODUCT PARTNUMBER
10146788-XXXX0LF



SECTION A-A
SCALE 3:1

spec ref				dr		Sandar Soe	2018/04/18				mm 		size		A3	scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED						eng					Sandar Soe	2024/08/26		ecn no ELX-S-52637-1					
ISO 406 ISO 1101								chr					-		-						
				appr		Koon-Poh Tay		2024/09/03		product family				PCI express				rel level		Released	
 surface ISO 1302		linear		0.X		±0.3				title PCI EXPRESS GEN4, ASSY LOW PROFILE, SMT						dwg no 10146788		rev C			
				0.XX		±0.20															
				0.XXX		±0.10															
		angular		0°		±2°															

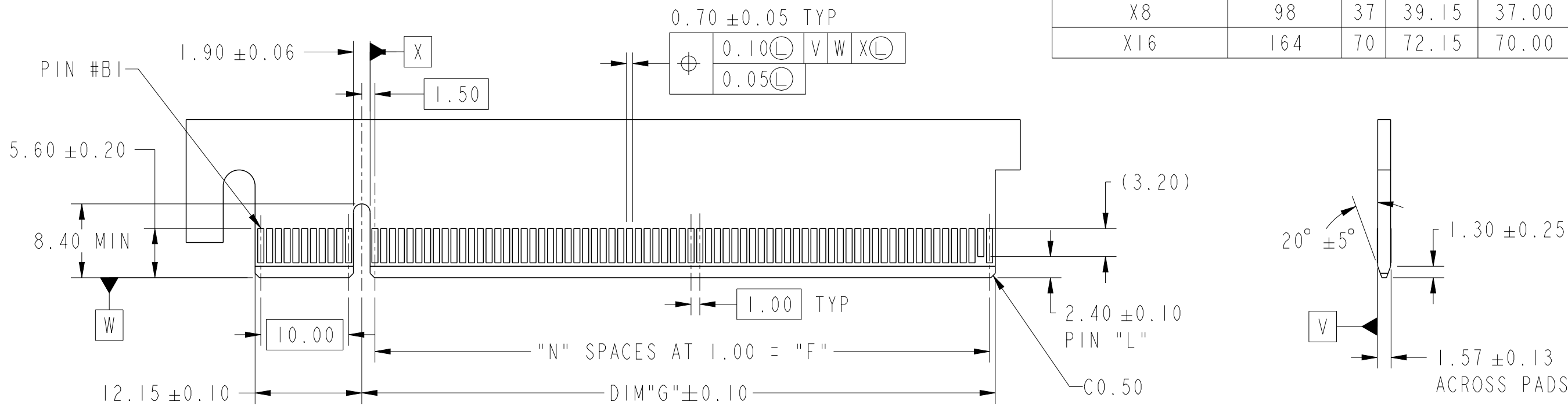
CONNECTOR LINK WIDTH	POSITION	N	DIM "G"	DIM "F"	PIN "L"
X1	36	6	8.15	6.00	B17
X4	64	20	22.15	20.00	B31
X8	98	37	39.15	37.00	B48
X16	164	70	72.15	70.00	B81

A

B

A

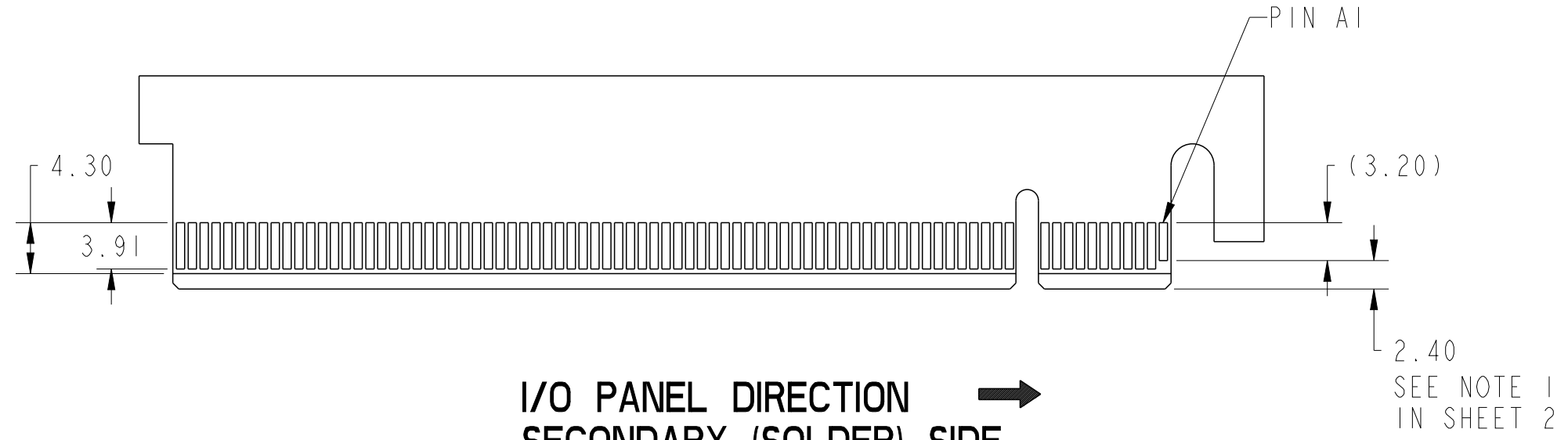
B



← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE

C

C



I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

1. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PIN A1 AND PIN "L".
2. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3. TOLERANCE : ± 0.13

spec ref	dr	Sandar Soe	2018/04/18	projection	mm	size	A3	scale	1:1
tolerance std	eng	Sandar Soe	2024/08/26	chr	-	ecn no	ELX-S-52637-1	rel level	Released
ISO 406 ISO 1101	appr	Koon-Poh Tay	2024/09/03	product family	-	rel level	Released		
surface	linear	0.X	±0.3	Amphenol FCi	PCI EXPRESS GEN4, ASSY	dwg no	10146788	rev	C
ISO 1302	angular	0°	±2°		LOW PROFILE, SMT				
				cat. no.	-	Product - Customer Drw	sheet 2 of 4		

A

B

C

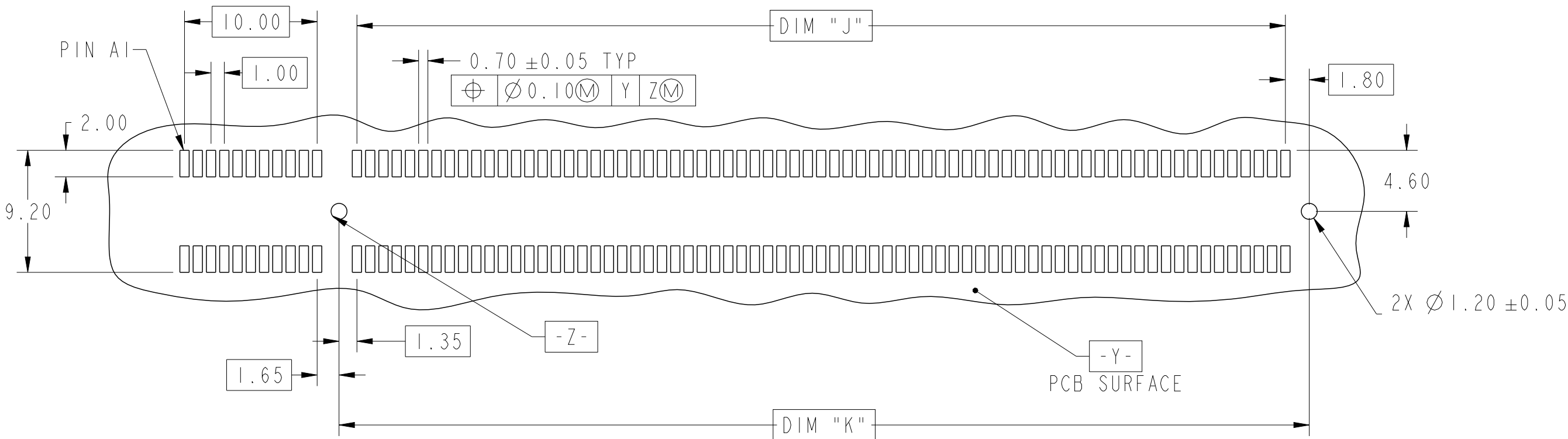
D

A

B

C

D



RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS						
POSITION	A	B	C ±0.20	D ±0.23	J	K ±0.10
36	6.00	7.65	9.15	25.00	6.00	9.15
64	20.00	21.65	23.15	39.00	20.00	23.15
98	37.00	38.65	40.15	56.00	37.00	40.15
164	70.00	71.65	73.15	89.00	70.00	73.15

spec ref				dr		Sandar Soe	2018/04/18		projection		mm		size		A3	scale		1:1						
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Sandar Soe	2024/08/26						ecn no				ELX-S-52637-1					
ISO 406						chr		-		-					rel level				Released					
ISO 1101						appr		Koon-Poh Tay		2024/09/03					product family		-							
surface 		linear		0.X		±0.3		Amphenol FCI		title		PCI EXPRESS GEN4, ASSY		dwg no		10146788		rev		C				
																					0.XX		±0.20	
																					0.XXX		±0.10	
ISO 1302		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 3 of 4								

PRODUCT NUMBER CODE

10146788-□□□□0LF

HOUSING COLOR

1: BLACK

CONTACT PLATING OPTIONS

1: 30u" Au
2: 15u" Au

PACKAGING OPTIONS

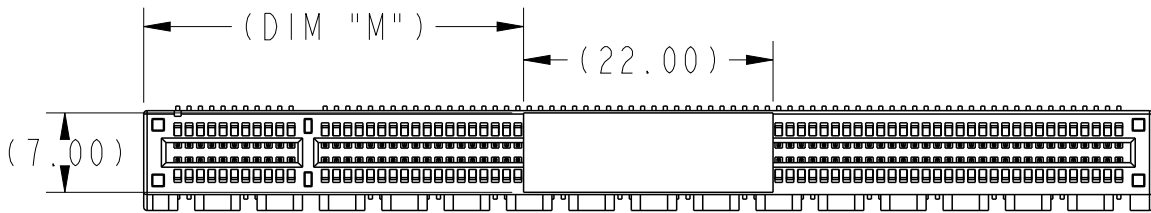
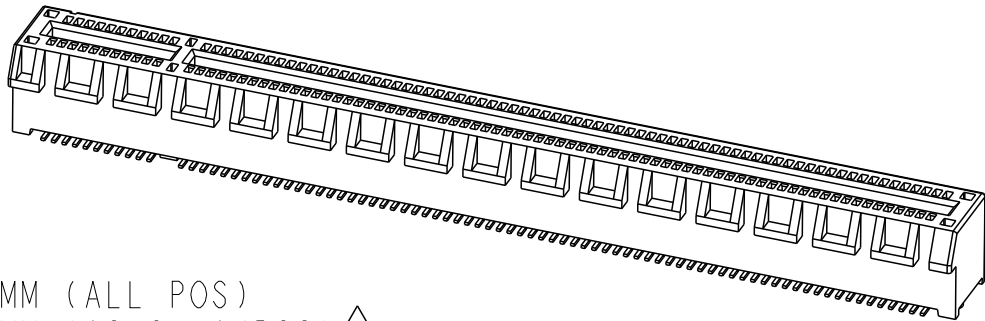
M: SOFT TRAY WITH KAPTON TAPE, 22MM (ALL POS)
N: SOFT TRAY WITH KAPTON TAPE, 45MM (98 & 164POS)
C: SOFT TRAY WITH PICKUP CAP (ALL POS)
Q: HARD TRAY (323X136mm) WITHOUT KAPTON TAPE
A: HARD TRAY (323X136mm) WITH KAPTON TAPE, 22MM (164POS)
X: HARD TRAY (323X136mm) WITH PICK UP CAP (164POS)

NO. OF POSITION

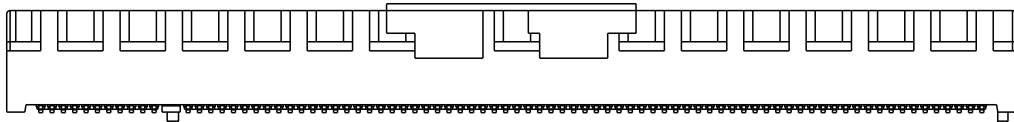
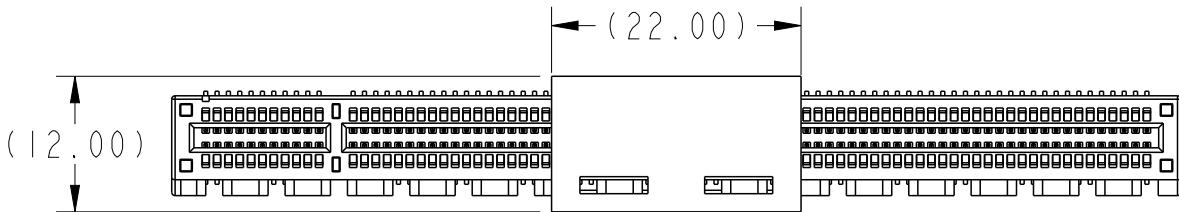
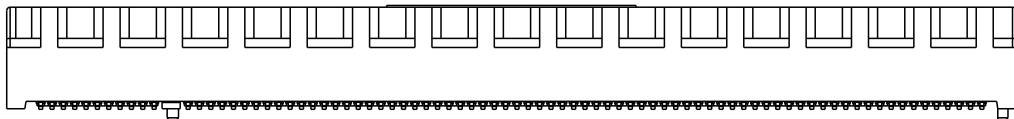
0: 36 POSITIONS
1: 64 POSITIONS
2: 98 POSITIONS
3: 164 POSITIONS

NOTES:

1. MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS, UL94V-0
CONTACT: COPPER ALLOY.
METAL PADS: COPPER ALLOY
2. PLATING:
CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
SOLDER AREA: 100u" TIN (LEAD FREE).
MATING AREA: SEE PRODUCT NUMBER CODE.
3. PRODUCT SPECIFICATION: GS-12-1406
4. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
5. DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
L IS AFCI PRODUCTION SITE.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°
PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED
OR VAPOR PHASE REFLOW OVEN.

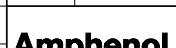


164POS WITH KAPTON TAPE



164POS WITH PICKUP CAP

DIMENSIONS	
KAPTON TAPE LENGTH	(DIM M)
22MM	33.5
45MM	22.0

spec ref				dr		Sandar Soe	2018/04/18				size		A3	scale		3:2													
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Sandar Soe			2024/08/26		ecn no				ELX-S-52637-1												
ISO 406 ISO 1101						chr		-			-		rel level				Released												
				appr		Koon-Poh Tay		2024/09/03		product family				-															
 surface		linear		0.X		±0.3				title		PCI EXPRESS GEN4, ASSY				dwg no		10146788				rev		C					
																										0.XX		±0.20	
																										0.XXX		±0.10	
ISO 1302		angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 4 of 4											