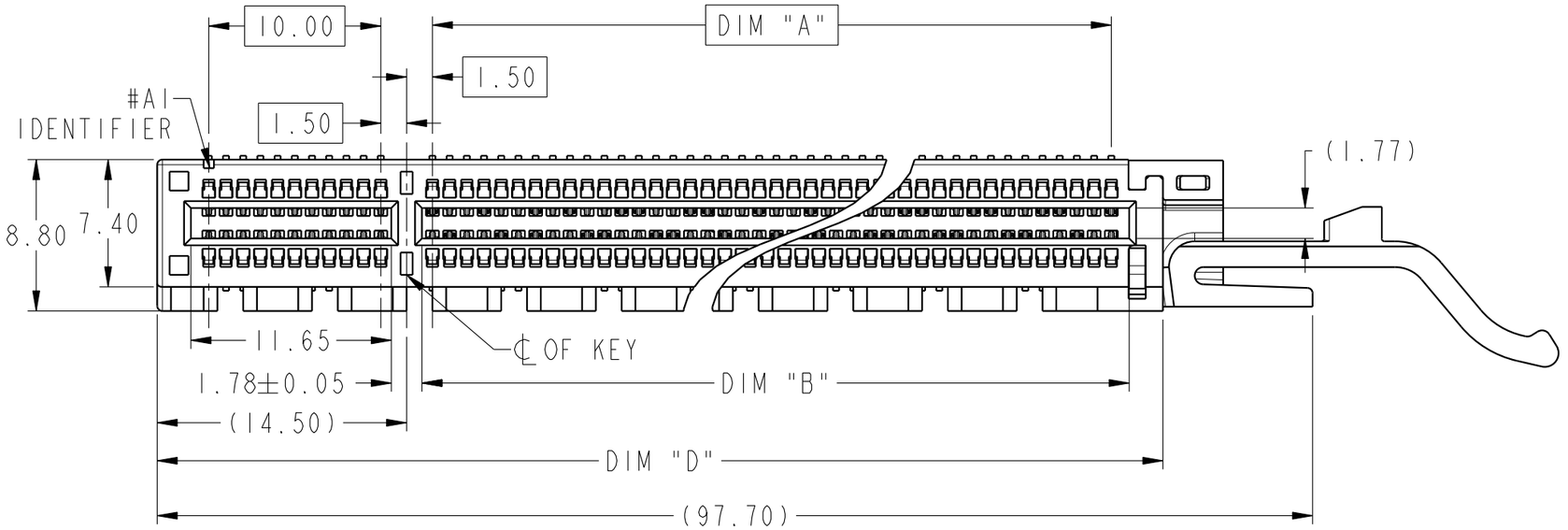
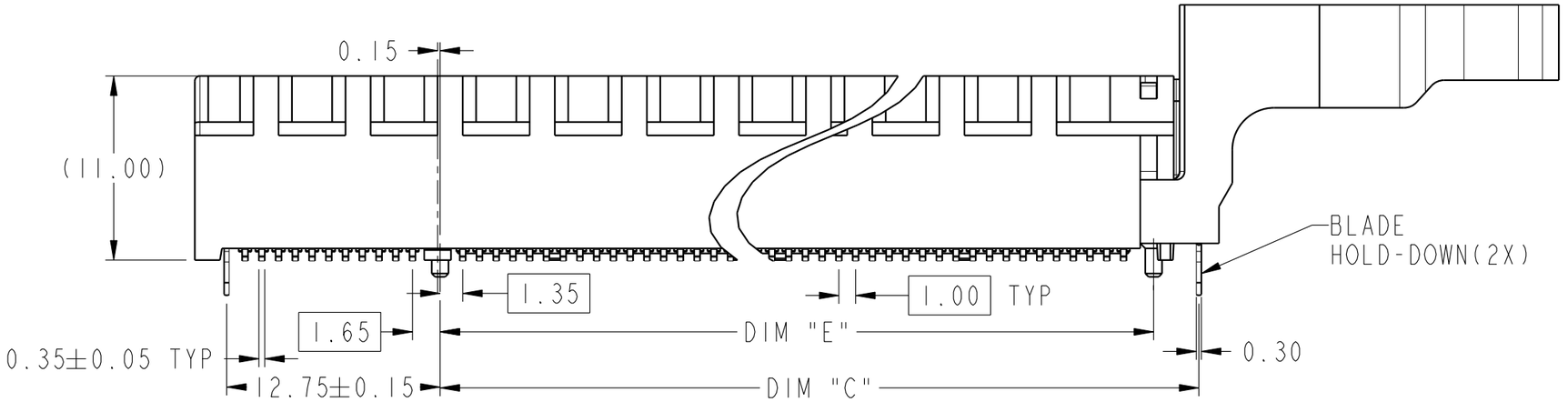
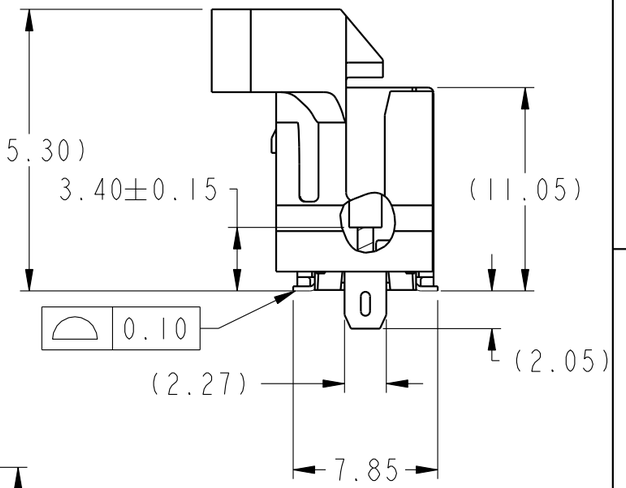
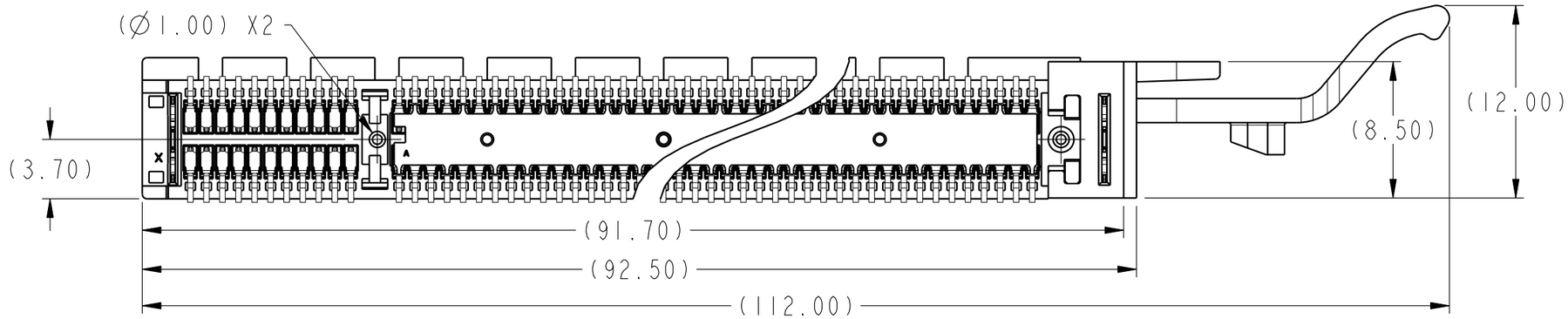
PRODUCT PARTNUMBER
10176844-XXXXX00LF







SECTION E-E



spec ref	-			dr	Cheong, Matthe	2024/05/29	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2024/10/15		
				chr	-	-		
				appr	Koon-Poh Tay	2024/10/15	product family	PCI express
surface - ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	PCIE GEN6, CUSTOMIZED LATCH		
		0.XX	±0.20			SMT, MODULE ASSY		
		0.XXX	±0.1		dwg no	10176844		rev A
	angular	0°	±2°		cat. no.	-	Product - Customer Special Drw	

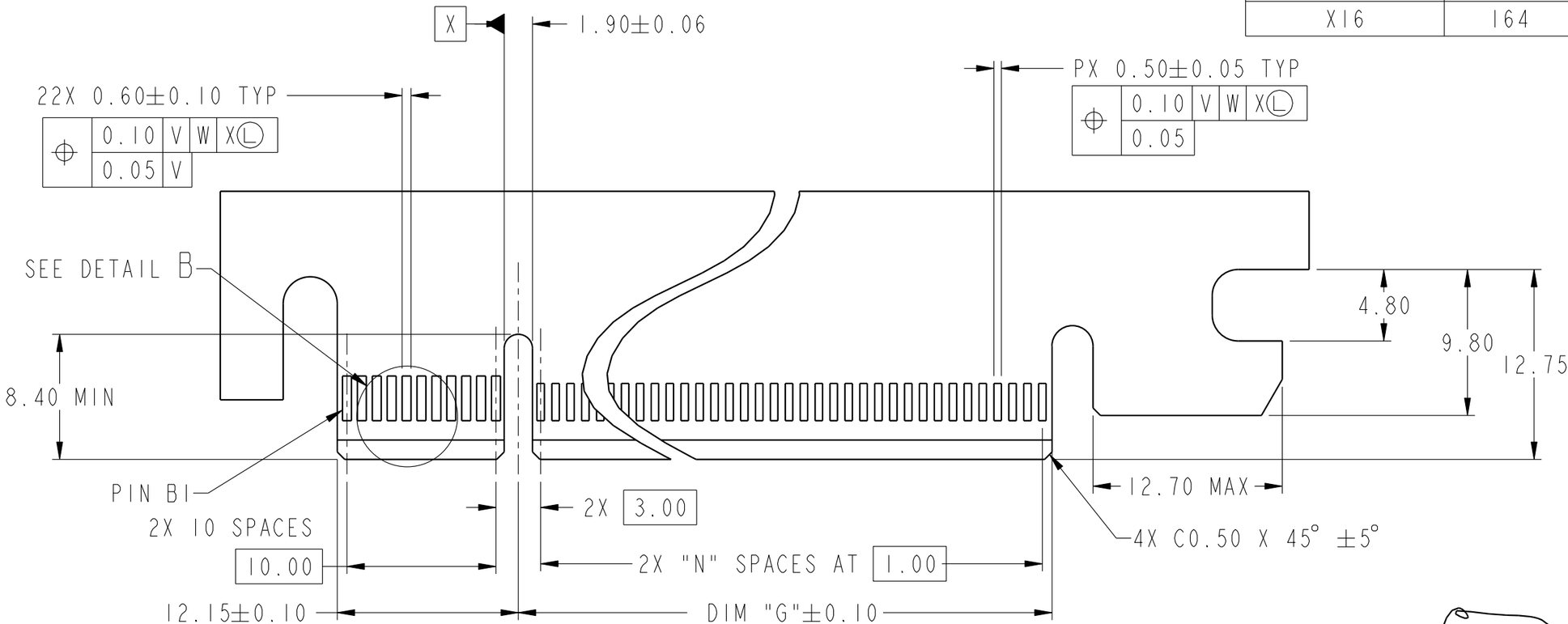
size	scale	ecn no	rel level	sheet
A3	3:1		Released	1 of 4

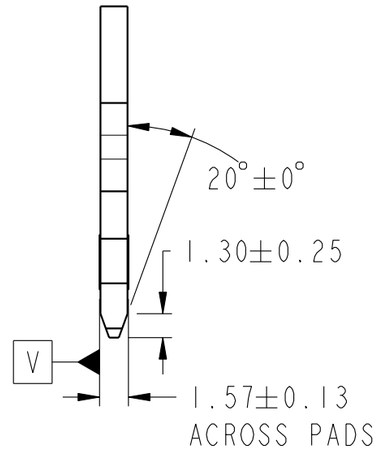
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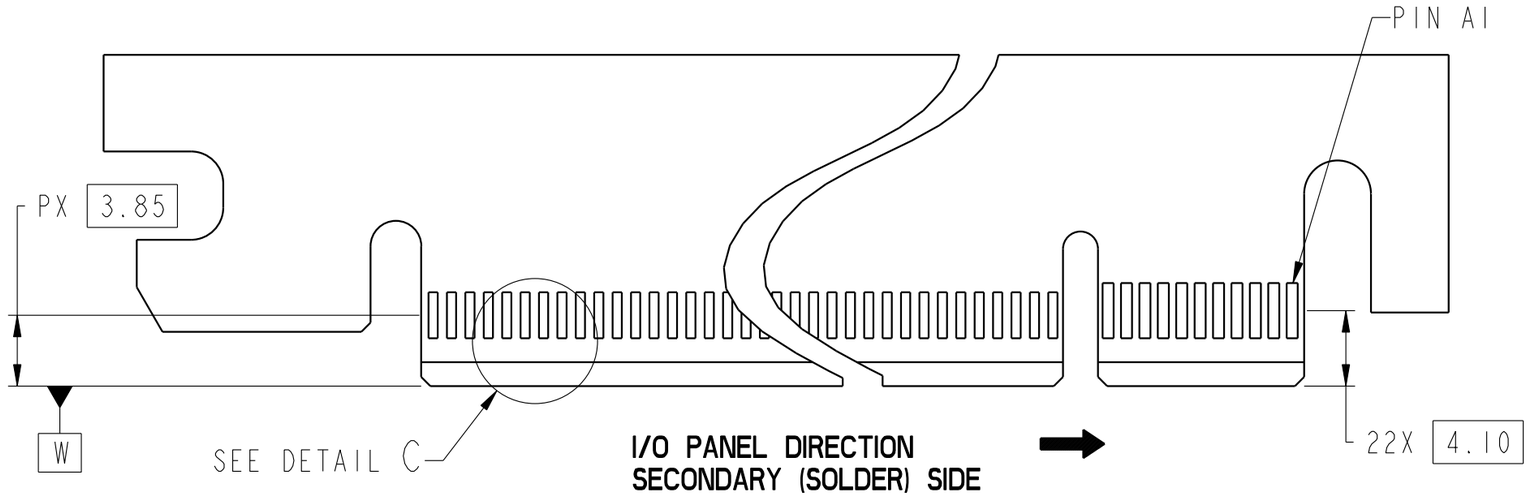
Creo File:ELX-WC-A3C,REV F,2020-12-21

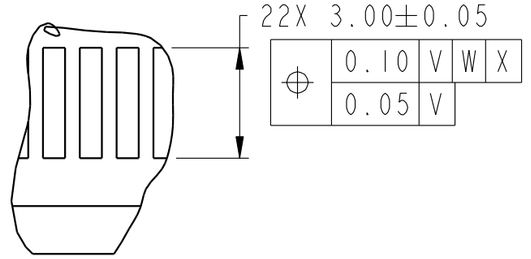
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CONNECTOR LINK WIDTH	POSITION	N	P	DIM "G"	DIM "F"
X16	164	70	142	72.15	70.00

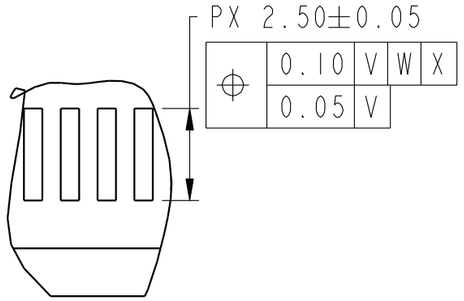








DETAIL B
SCALE 6:1



DETAIL C
SCALE 6:1

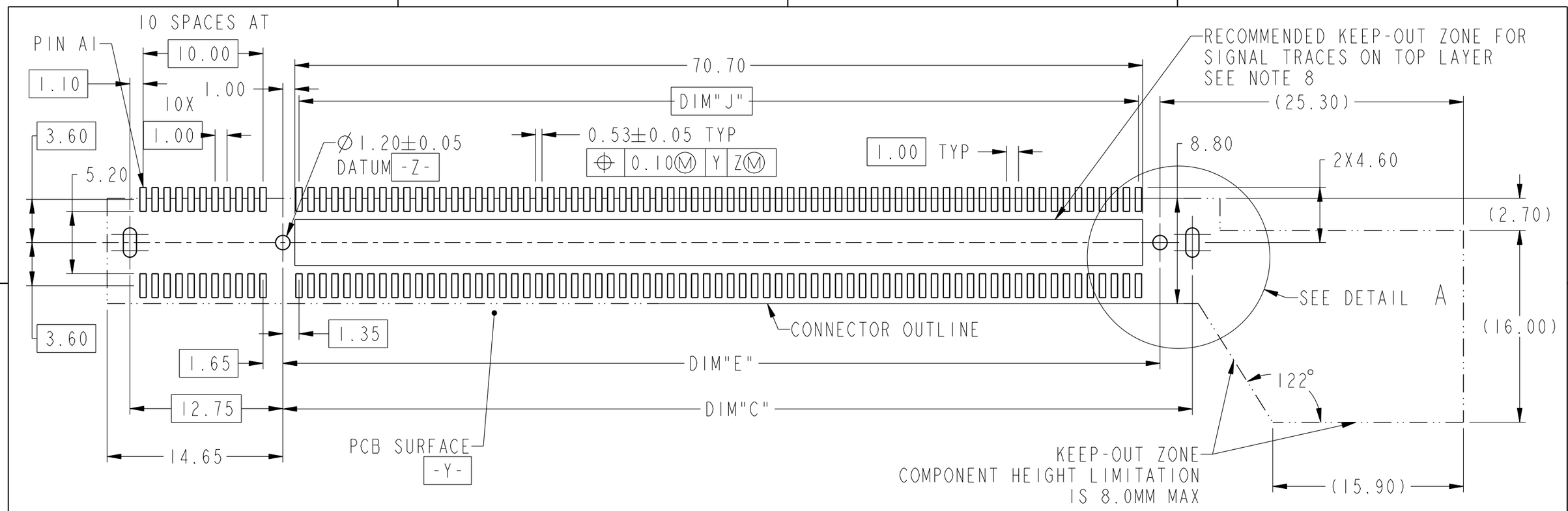
1. NO TIE BAR PERMINTTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PIN A1
2. CHAMFER EDGES MUST BE FREE FROM CUTTING BURRS.
3. TOLERANCES : ±0.13
4. CONTACT AFCI ENGINNERING FOR SI REPORT

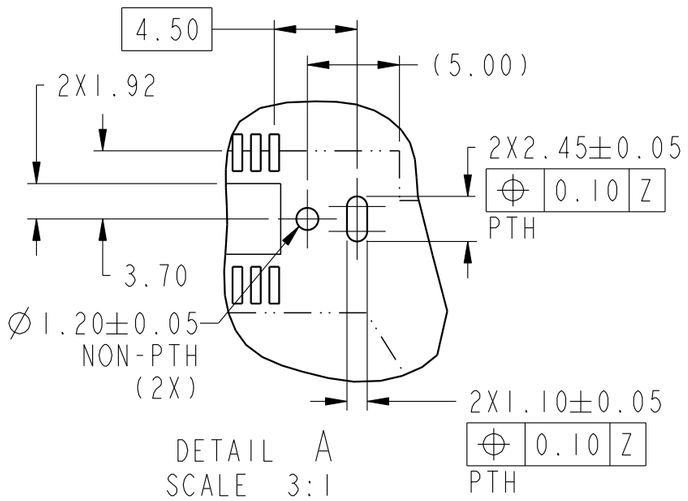
spec ref	-			dr	Cheong, Matthe	2024/05/29	projection: MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2024/10/15	size A3 / scale 1:1
				chr	-	-	ecn no
				appr	Koon-Poh Tay	2024/10/15	product family / rel level Released
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi	title: PCIE GEN6, CUSTOMIZED LATCH SMT, MODULE ASSY		dwg no 10176844 / rev A
		0.XX	±0.20				
		0.XXX	±0.1				
	angular	0°	±2°		cat. no.	Product - Customer Special Drw	sheet 2 of 4

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RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS						
POSITION	A	B +0.15 -0.05	C ±0.15	D ±0.23	J	E
164	70.00	71.65	75.85	89.00	70.00	73.15

spec ref	-			dr	Cheong, Matthe	2024/05/29	projection	MM
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2024/10/15		
ISO 406 ISO 1101				chr	-	-		
				appr	Koon-Poh Tay	2024/10/15	product family	-
surface	-	linear	0.X	±0.30	Amphenol FCi	title	PCIE GEN6, CUSTOMIZED LATCH	
			0.XX	±0.20			SMT, MODULE ASSY	
ISO 1302			0.XXX	±0.1				
		angular	0°	±2°		cat. no.	-	Product - Customer Special Drw

size	scale	dwg no	rev
A3	1:1	10176844	A
ecn no			
rel level	Released		
sheet 3 of 4			

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PRODUCT NUMBER CODE

10176844- □ □ □ □ □ 0 0 L F

HOUSING COLOR OPTIONS

1: BLACK

CONTACT PLATING OPTIONS

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

NO. OF POSITION

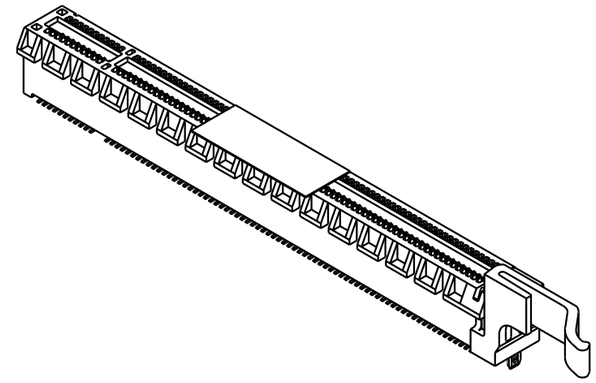
3: 164 POSITIONS

KAPTON TAPE OPTIONS

0: NIL
1: PICK UP CAP
3: KAPTON TAPE, 22 X 8.5MM
4: KAPTON TAPE, 30 X 8.5MM
5: KAPTON TAPE, 45 X 8.5MM
6: KAPTON TAPE, 53 X 8.5MM
7: KAPTON TAPE, 86.5 X 8.5MM

PACKAGING

Y: SOFT TRAY (164 POS)
K: CUSTOMIZED HARD TRAY (330X136MM)



NOTES:

1. MATERIAL:
   HOUSING: HIGH PERFORMANCE RESINS, LCP, UL94V-0
   LATCH: HIGH PERFORMANCE THERMOPLASITC, 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.
   HOLDDOWN CLIP: 100u" TIN OVER 50 u" NICKEL.

3. PRODUCT SPECIFICATION: GS-12-1406

4. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

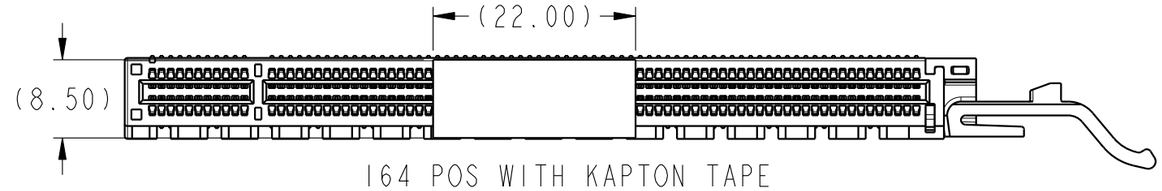
5. DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
   L IS AFCI PRODUCTION SITE.

6-1. THE CONNECTOR PLASTIC WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

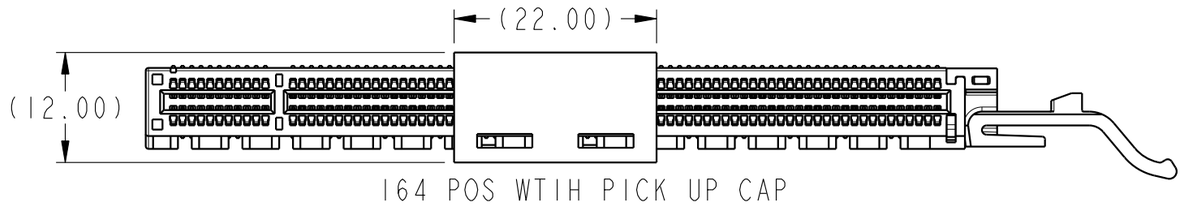
6-2. THE CONNECTOR LATCH WILL WITHSTAND EXPOSURE TO 260° PEAK(MAX) TEMPERATURE FOR 10 SECONDS(MAX) IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

7. A △ SYMBOL WILL BE PLACED ON ANY DIMENSION, NOTE OR VIEW WHICH HAS BEEN MODIFIED.

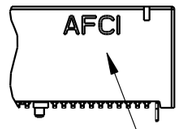
8. IT IS RECOMMENDED THAT COPPER TRACE IN TOP LAYER (BOUNDED REGION) TO BE OVERLAID WITH INSULATION/SOLDERMASK TO PREVENT ACCIDENTIAL CONTACT WITH CONNECTOR'S GROUND-BUSSING CONDUCTIVE BAR/PLASTIC.



164 POS WITH KAPTON TAPE



164 POS WTIH PICK UP CAP



DATE CODE & PARTNO

spec ref	-			dr	Cheong, Matthe	2024/05/29	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sandar Soe	2024/10/15		
				chr	-	-		
				appr	Koon-Poh Tay	2024/10/15	product family	PCI express
surface - ISO 1302	linear	0.X	±0.30	Amphenol FCI	title	PCIE GEN6, CUSTOMIZED LATCH SMT, MODULE ASSY	dwg no	10176844
		0.XX	±0.20					
		0.XXX	±0.1					
	angular	0°	±2°		cat. no.	-	Product - Customer Special Drw	

size	A3	scale	3:1
ecn no			
rel level	Released		
rev	A		
sheet	4 of 4		

Creo File:ELX-WC-A3C,REV F,2020-12-21

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