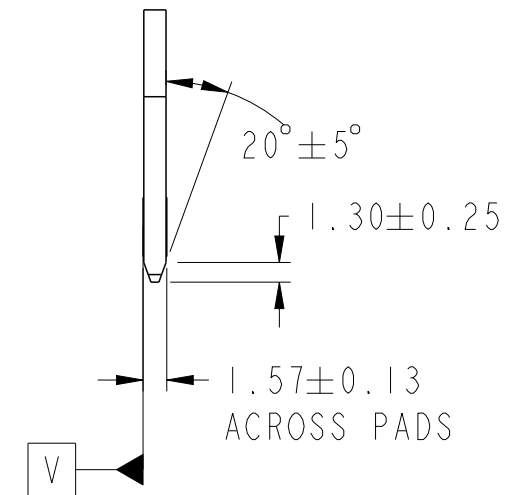
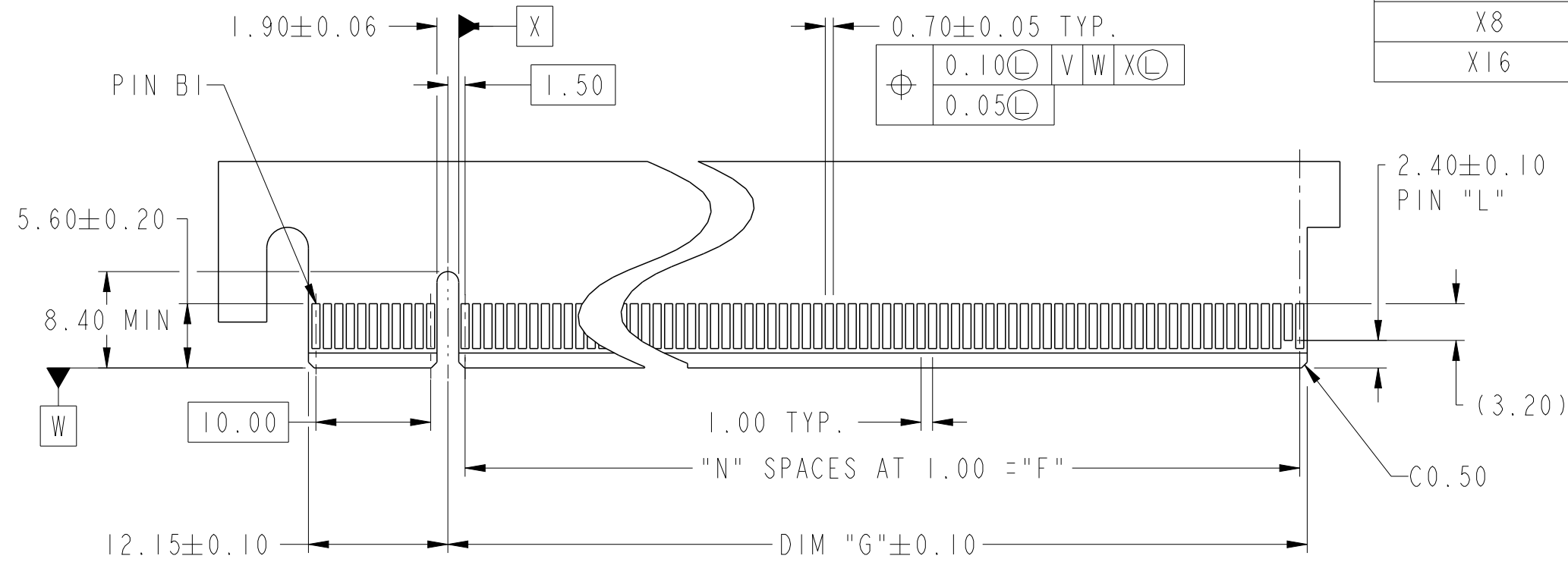
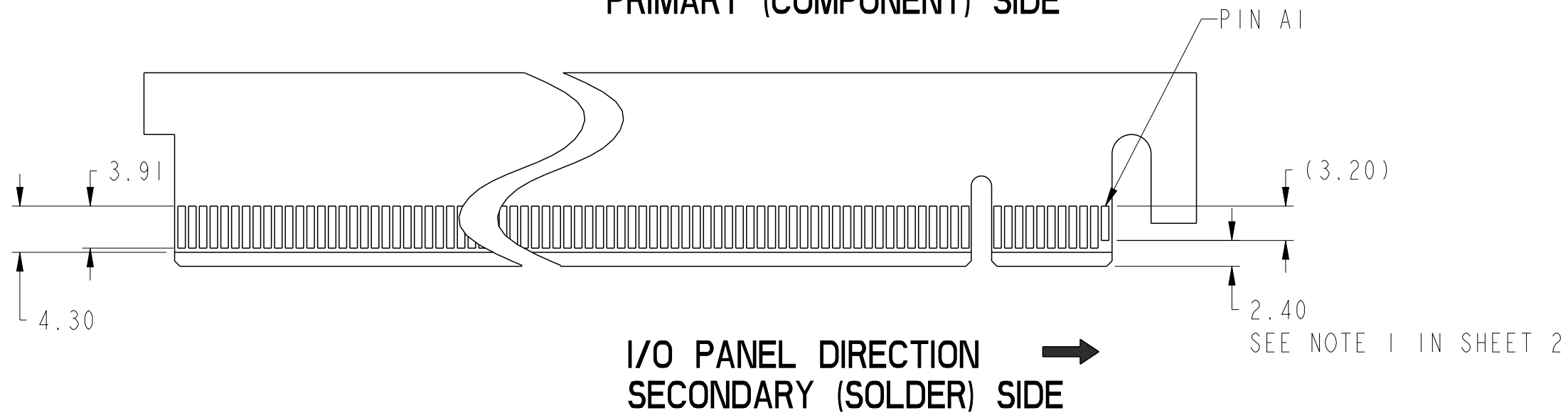


CONNECTOR LINK WIDTH	POSITION	N	DIM "G"	DIM "F"	PIN "L"
X1	36	6	8.15	6.00	B17
X4	64	20	22.15	20.00	B31
X8	98	37	39.15	37.00	B48
X16	164	70	72.15	70.00	B81



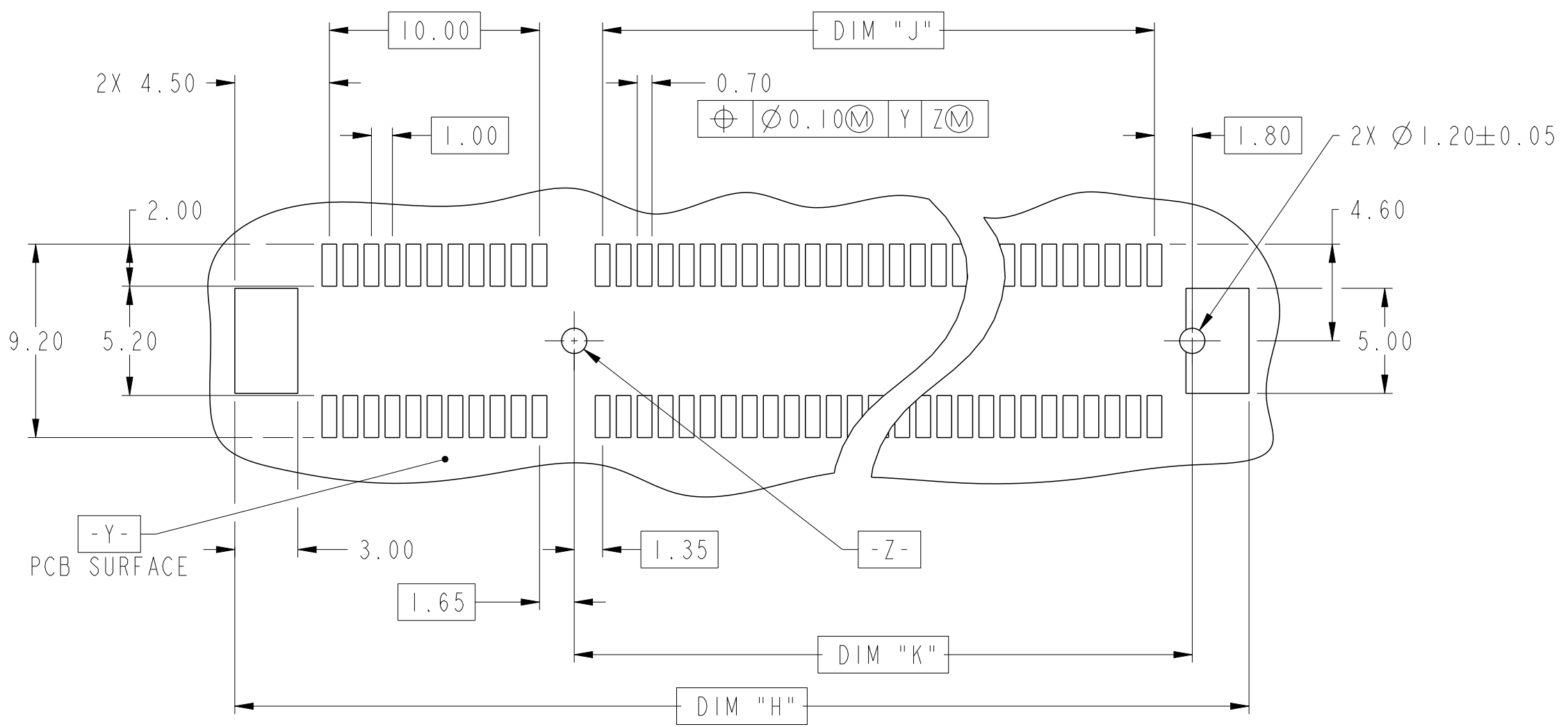
← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE →

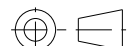
1. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PIN A1 AND PIN "L".
2. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3. TOLERANCE : ± 0.13

spec ref	-	dr	Cheong, Matthe	2017/11/20	projection	MM	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2018/06/12	chr	-	ecn no	ELX-S-30076-1	rel level	Released
surface	linear	appr	Koon-Poh Tay	2018/06/27	product family	PCI express	rel level	Released	rev	B
ISO 1302	angular	0°	±2°	Amphenol FCi	PCI Express 4.0	SMT Type	cat. no.	10146067	Product - Customer Drw	sheet 2 of 4



RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS								
POSITION	A	B $\begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$	C ± 0.10	D ± 0.23	E ± 0.20	H ± 0.10	J	K ± 0.10
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00	9.15
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00	23.15
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00	40.15
164	70.00	71.65	73.15	89.00	91.00	92.00	70.00	73.15

spec ref -				dr	Cheong, Matthe	2017/11/20	projection 	MM 	size	A3	scale	4:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/06/12			ecn no ELX-S-30076-1			
				chr	-	-			rel level Released			
		appr			Koon-Poh Tay	2018/06/27	product family PCI express					
surface -  ISO 1302	linear	0.X	±0.30	Amphenol FCi	title PCI Express 4.0 SMT Type			dwg no 10146067	rev B			
		0.XX	±0.20									
		0.XXX	±0.1									
		angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw			sheet 3 of 4	

PRODUCT NUMBER CODE

10146067-□□□□0LF

HOUSING COLOR

1: BLACK

CONTACT AREA PLATING

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

PACKAGING OPTIONS

A: HARD TRAY (DIM: 323 x 136 x 19) WITH KAPTON TAPE (164 POS)
C: SOFT TRAY (317.5 x 235 x 18) WITH PICK-UP CAP (36 & 64 POS)
T: SOFT TRAY (317.5 x 235 x 18) WITH KAPTON TAPE (36 & 64 POS)
X: HARD TRAY (DIM: 330 x 235 x 19.3) WITH PICK UP CAP (98 & 164 POS)
Y: HARD TRAY (DIM: 330 x 235 x 19.3) WITH KAPTON TAPE (98 & 164 POS)
Z: HARD TRAY (DIM: 330 x 235 x 19.3) WITH KAPTON TAPE, 86MM (164 POS)

NO. OF POSITION

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

NOTES:

1. MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED, 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.

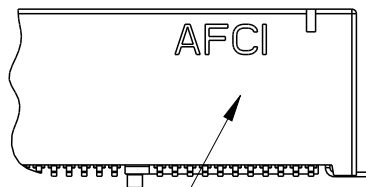
3. PRODUCT SPECIFICATION: GS-12-1406

4. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

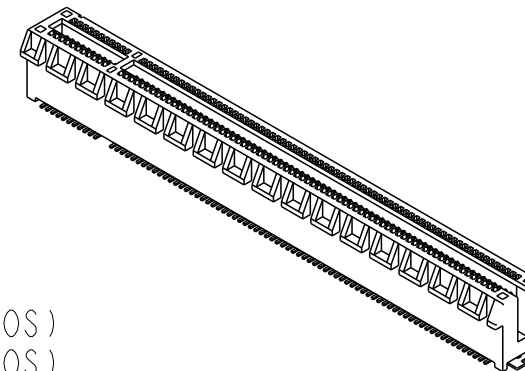
5. DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
L IS AFCI PRODUCTION SITE.

6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-004.

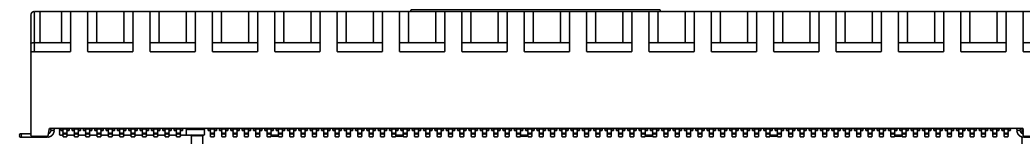
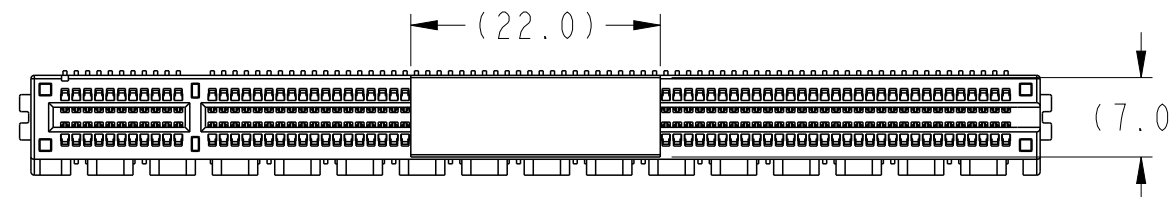
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°
PEAK TEMPERATURE FOR 10 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN.



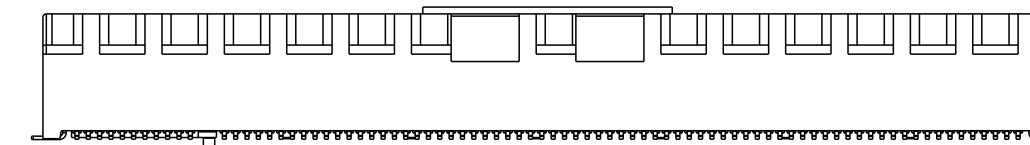
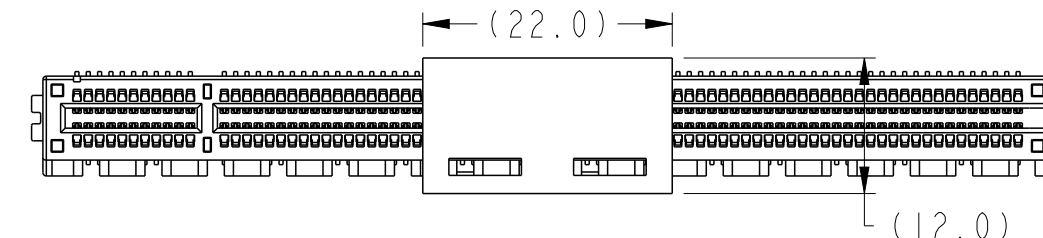
DATA CODE &
PARTNO



POSITION OF KAPTON TAPE



POSITION OF PICK UP CAP



spec ref		-		dr	Cheong, Matthe	2017/11/20	projection		MM		size	A3	scale	2:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/06/12					ecn no	ELX-S-30076-1					
				chr	-	-					rel level	Released					
ISO 406					appr	Koon-Poh Tay	2018/06/27	product family		PCI express							
ISO 1101																	
surface	linear	0.X	±0.30	Amphenol FCi	title			PCI Express 4.0			dwg no			10146067			rev
		0.XX	±0.20														
		0.XXX	±0.1														
	ISO 1302	angular	0°	±2°	www.fci.com	cat. no.			Product - Customer Drw			sheet 4 of 4					