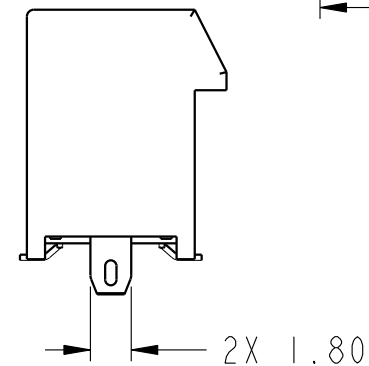
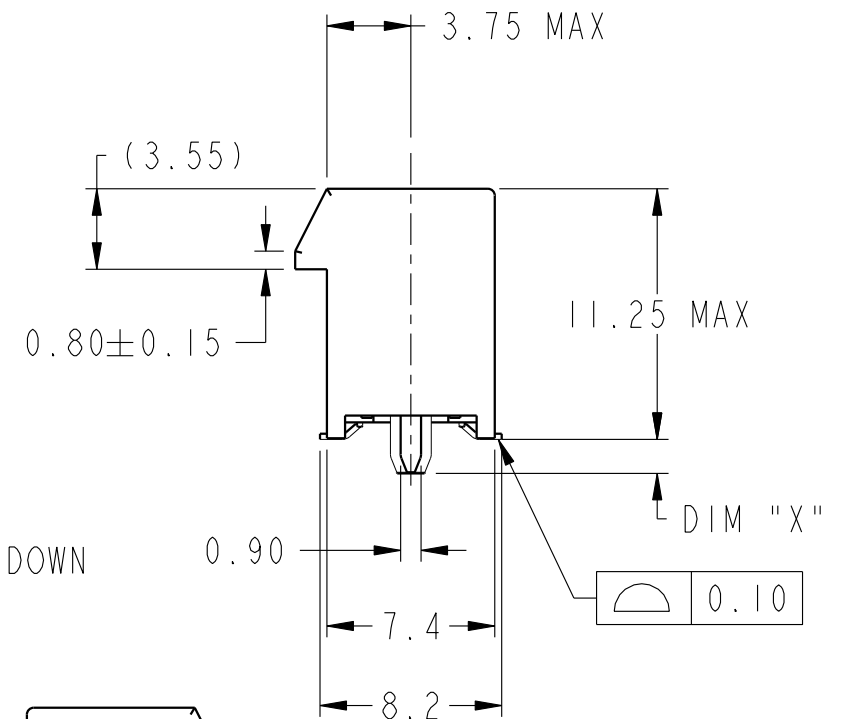
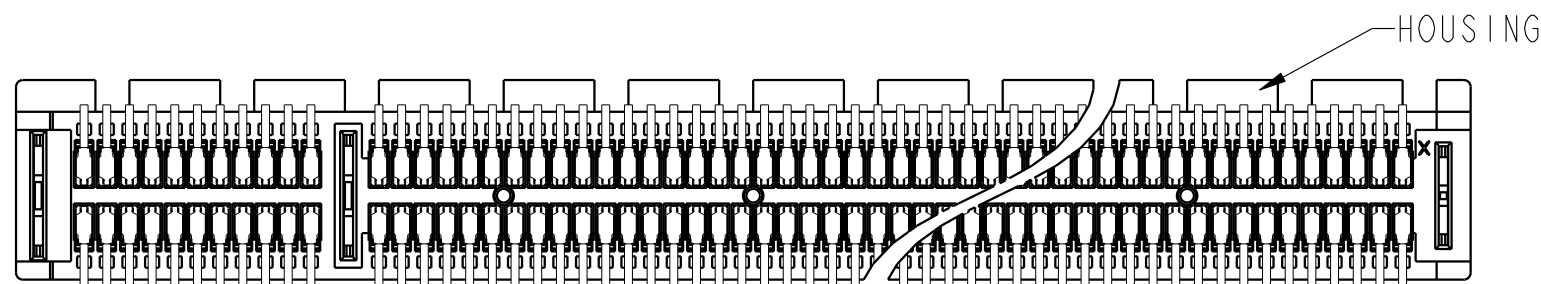
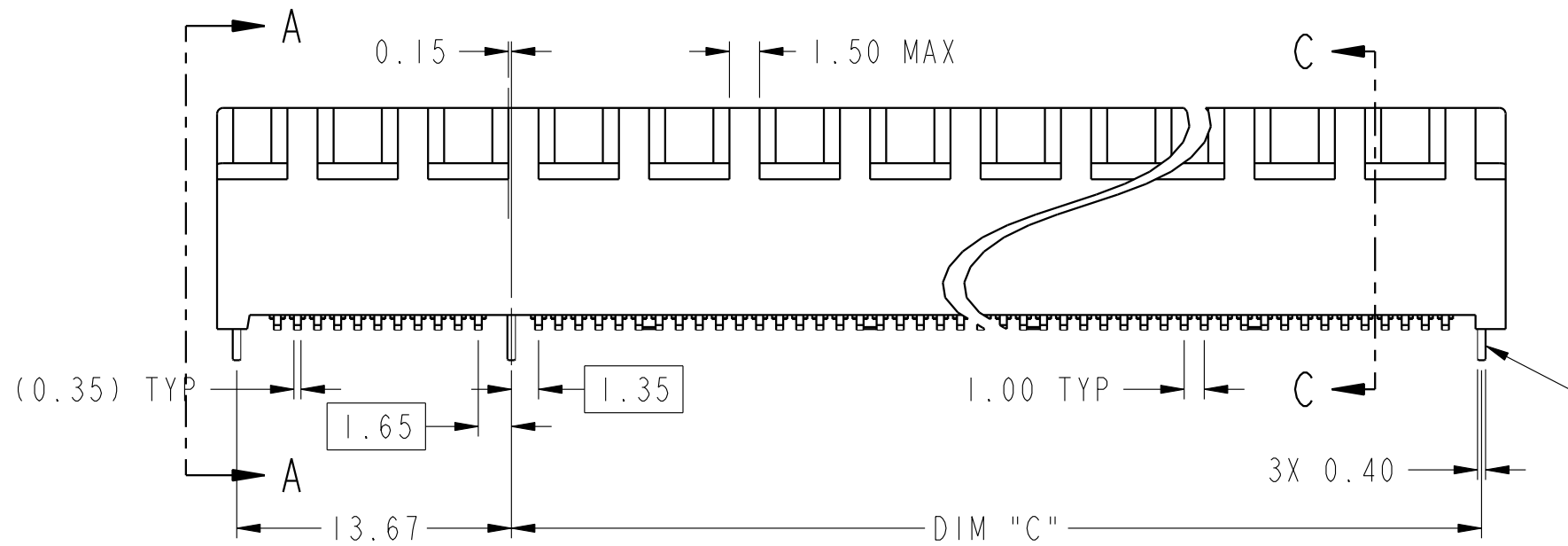
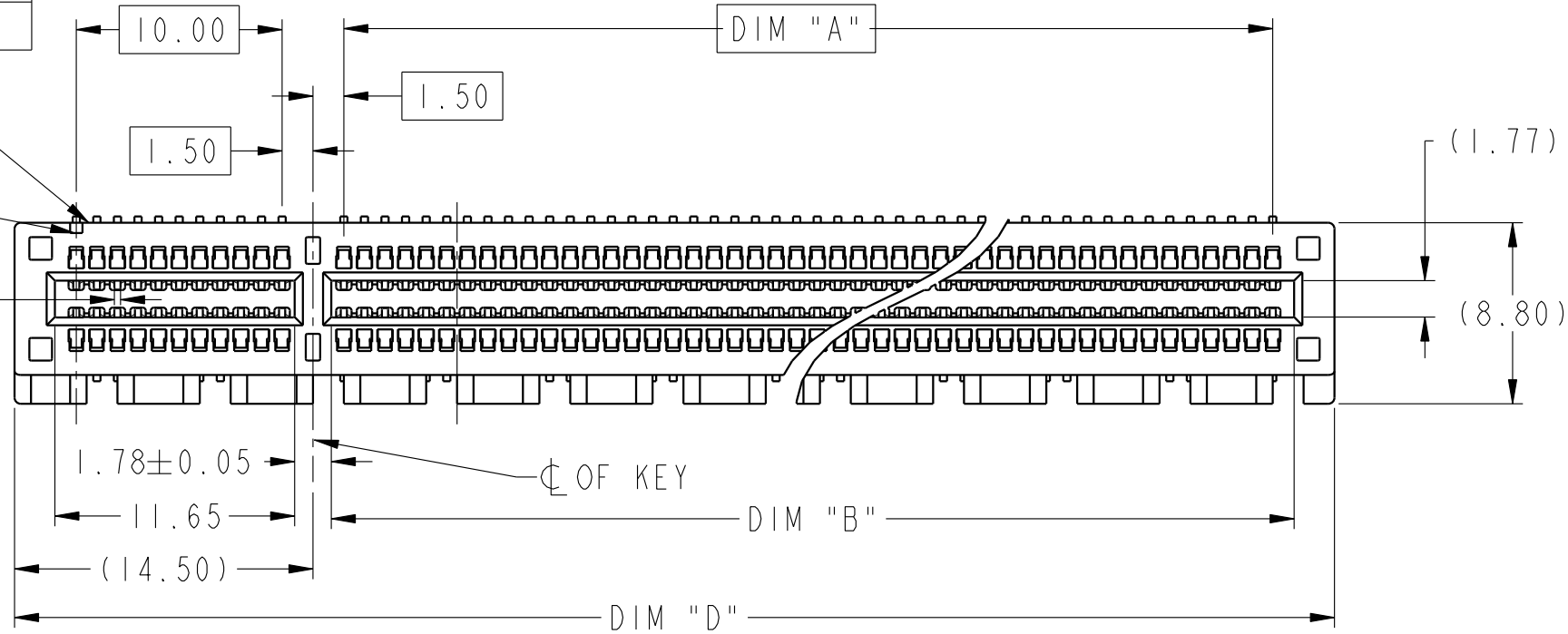


PRODUCT PARTNUMBER
10149641-XXXXX0LF

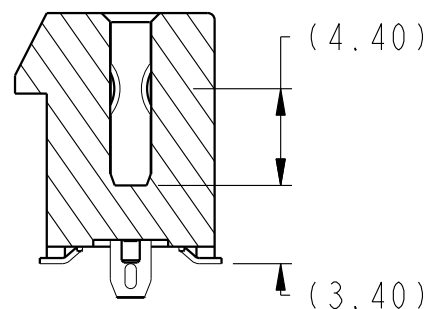
PARTNO &
DATECODE

#AI IDENTIFIER

(0.30)



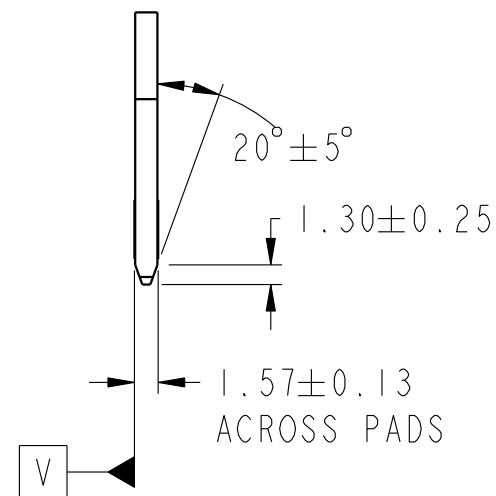
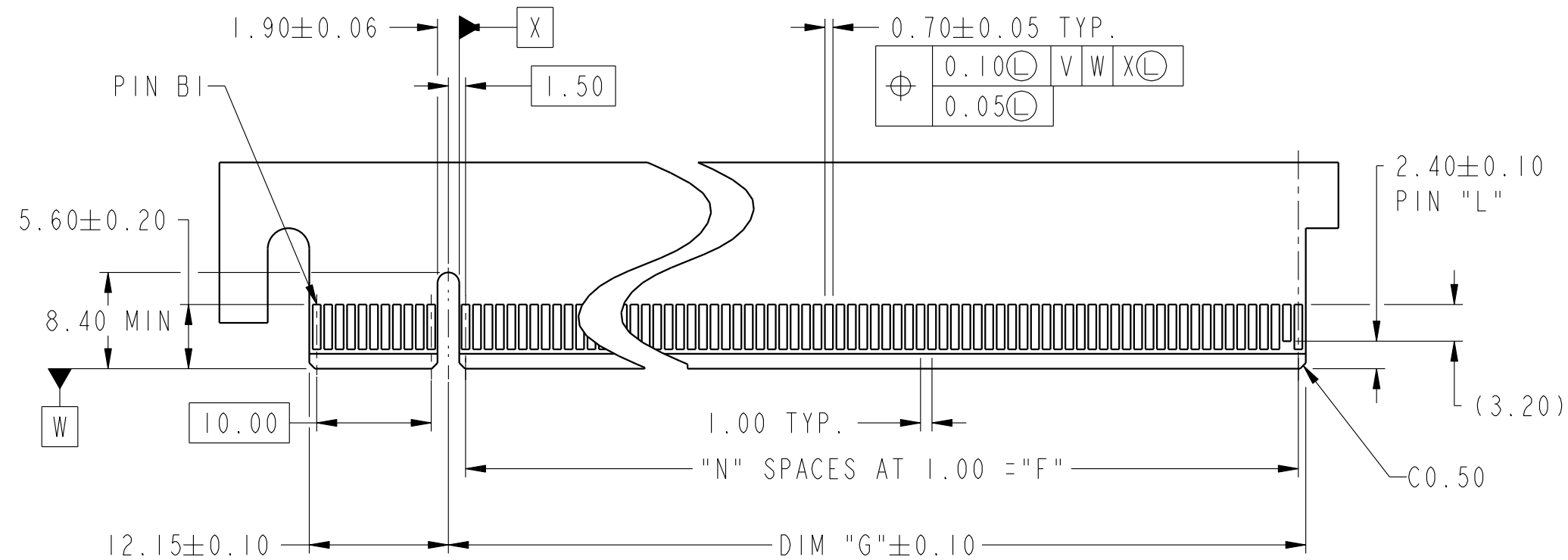
SECTION A-A
SCALE 3:1



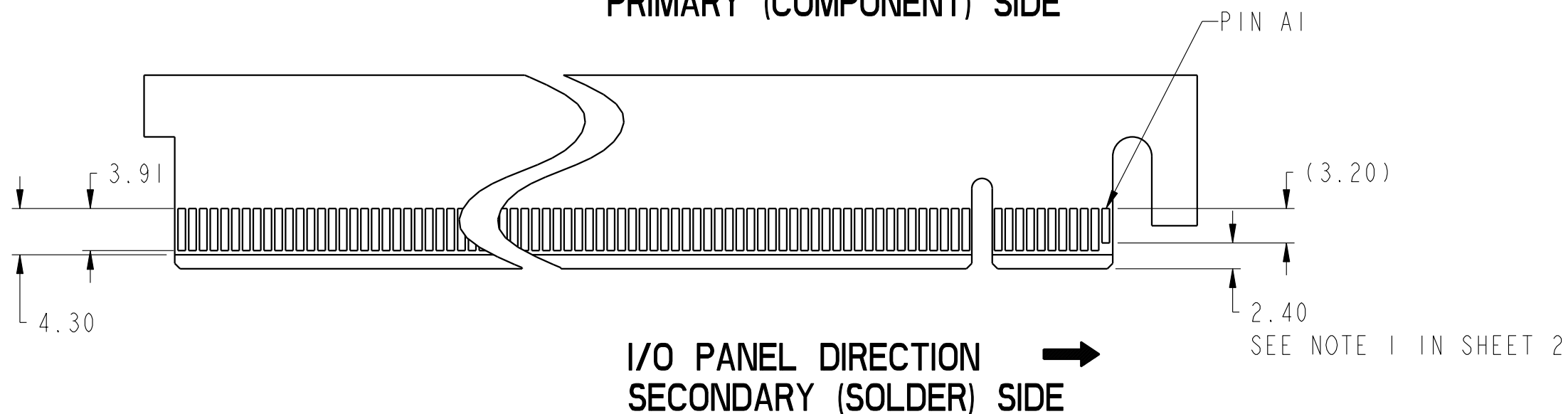
SECTION C-C
SCALE 3:1

spec ref	-	dr	Cheong, Matthe	2019/01/21	projection	MM	size	A3	scale	3:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2020/06/23	chr	-	ecn no	-	rel level	Released
surface	-	appr	Koon-Poh Tay	2020/06/23	product family	PCI express	rel level	Released	rev	A
linear	0.X ±0.30 0.XX ±0.20 0.XXX ±0.1	Amphenol FCi	PCI Express 4.0	dwg no	10149641	cat. no.	-	Product - Customer Drw	sheet 1 of 4	
angular	0° ±2°	www.fci.com	SMT Type- CUST SP BLADE							

CONNECTOR LINK WIDTH	POSITION	N	DIM "G"	DIM "F"	PIN "L"
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 AI AND PIN "L".
2. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3. TOLERANCE : ± 0.13

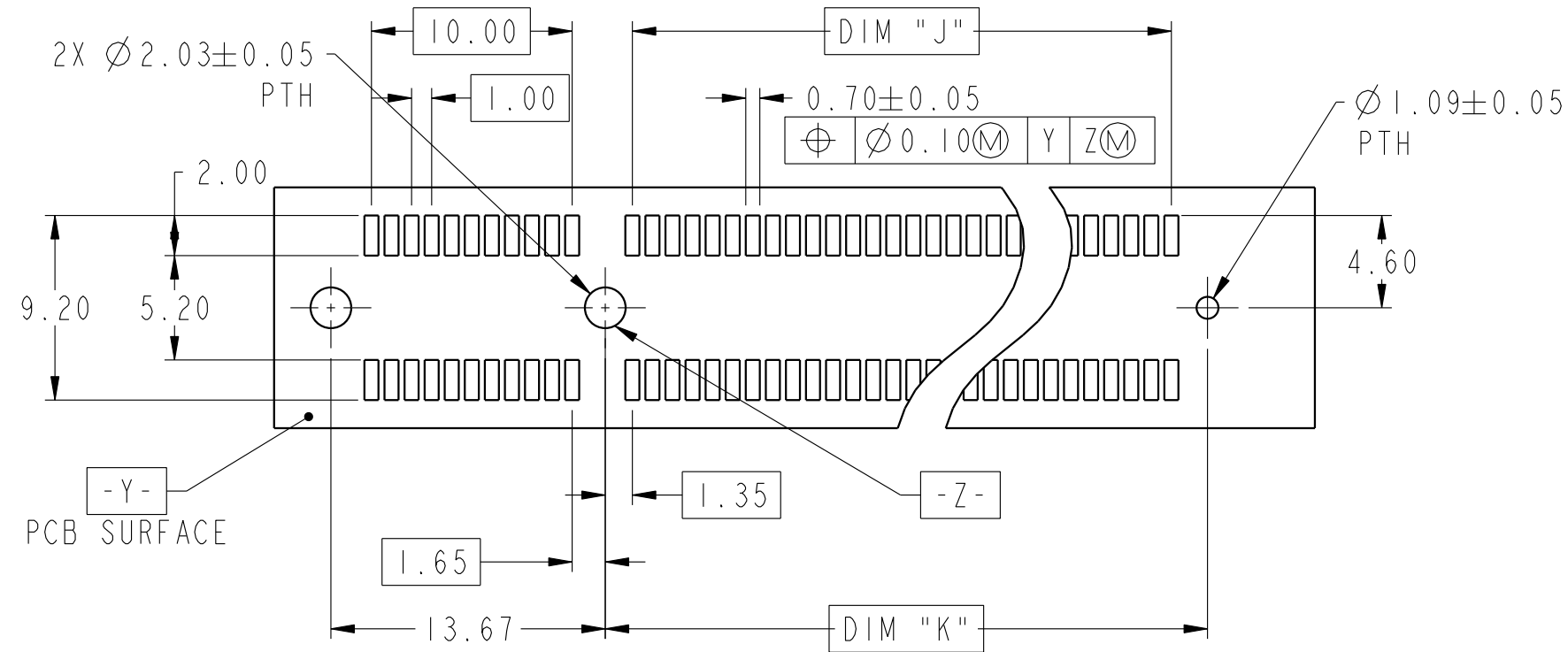
spec ref	-	dr	Cheong, Matthe	2019/01/21	projection	MM	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2020/06/23	chr	-	ecn no	-		
surface	ISO 1302	appr	Koon-Poh Tay	2020/06/23	product family	PCI express	rel level	Released		
linear	0.X ± 0.30 0.XX ± 0.20 0.XXX ± 0.1	Amphenol FCi	PCI Express 4.0	dwg no	10149641	rev	A			
angular	0° $\pm 2^\circ$	www.fci.com	SMT Type- CUST SP BLADE	cat. no.		Product - Customer Drw	sheet 2 of 4			

A

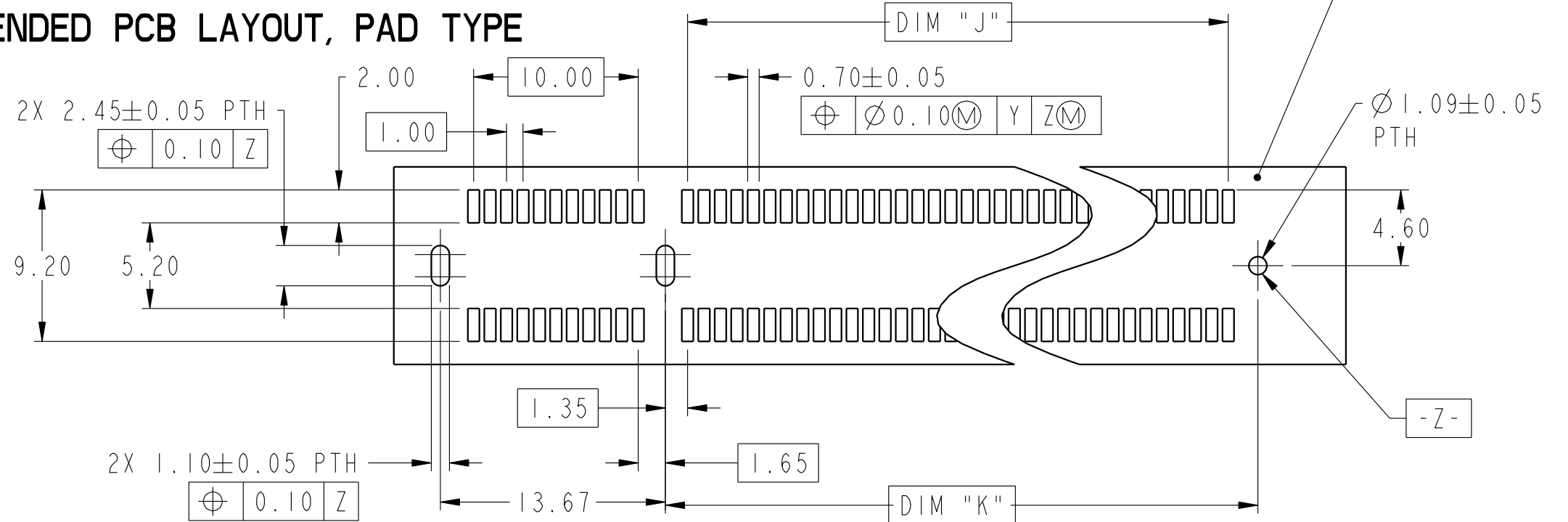
B

C

D



RECOMMENDED PCB LAYOUT, PAD TYPE



ALTERNATE PCB LAYOUT, PAD TYPE

DIMENSIONS						
POSITION	A	B $\begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$	C ± 0.10	D ± 0.23	J	K ± 0.1
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	Cheong, Matthe	2019/01/21	projection	MM	size	A3	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2020/06/23	chr	-	ecr no	-	rel level	
surface	-	appr	Koon-Poh Tay	2020/06/23	product family	PCI express	rel level	Released		
linear	0.X ± 0.30 0.XX ± 0.20 0.XXX ± 0.1	Amphenol FCi	PCI Express 4.0				dwg no	10149641	rev	A
angular	0° $\pm 2^\circ$	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 3 of 4	

PRODUCT NUMBER CODE

10149641 - 0LF

HOUSING COLOR

1: BLACK

PACKAGING OPTIONS

Y: HARD TRAY (DIM: 330x235x19.3) WITH KAPTON TAPE (98 & 164 POS)

HOLDDOWN BLADE LENGTH, DIM "X"

1: 1.5
2: 1.8
3: 2.6

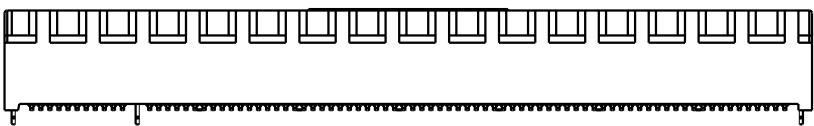
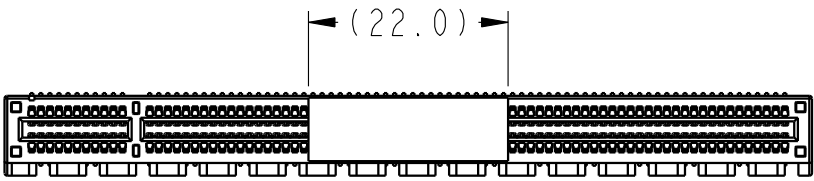
CONTACT AREA PLATING

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

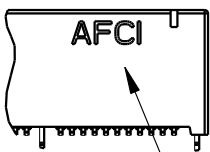
NO. OF POSITION

2: 98 POSITIONS
3: 164 POSITIONS

POSITION OF KAPTON TAPE



SCALE 6:5



DATE CODE &
PARTNO

NOTES:

- MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED, UL94V-0
CONTACT: COPPER ALLOY.
METAL PADS: COPPER ALLOY
- 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.
- PRODUCT SPECIFICATION: GS-12-1406
- DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
L IS AFCl PRODUCTION SITE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-004.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°
PEAK TEMPERATURE FOR 10 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN.

spec ref -				dr	Cheong, Matthe	2019/01/21	projection 	MM 	size	A3	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2020/06/23			ecn no	-		
ISO 406 ISO 1101				chr	-	-						
				appr	Koon-Poh Tay	2020/06/23	product family		PCI express		rel level	Released
surface  ISO 1302	linear	0.X	±0.30	Amphenol FCI	title PCI Express 4.0 SMT Type- CUST SP BLADE			dwg no	10149641			rev A
		0.XX	±0.20									
		0.XXX	±0.1									
angular 0° ±2°				www.fci.com	cat. no.			Product - Customer Drw			sheet 4 of 4	