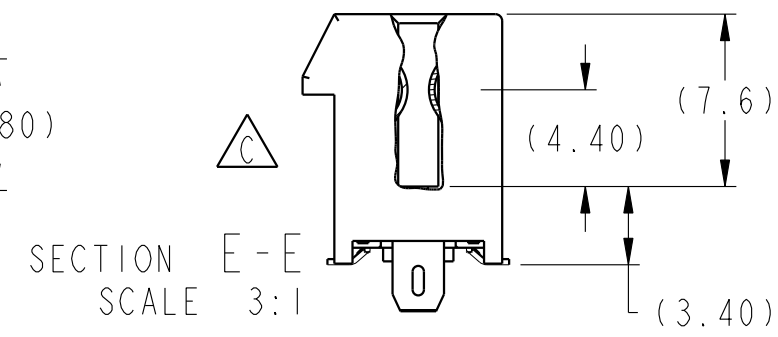
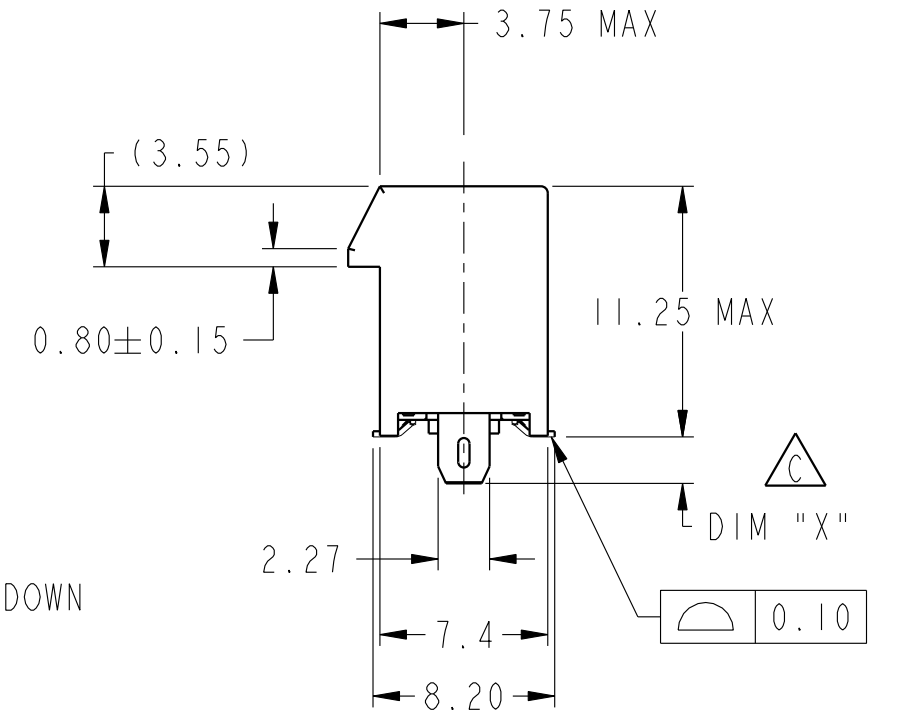
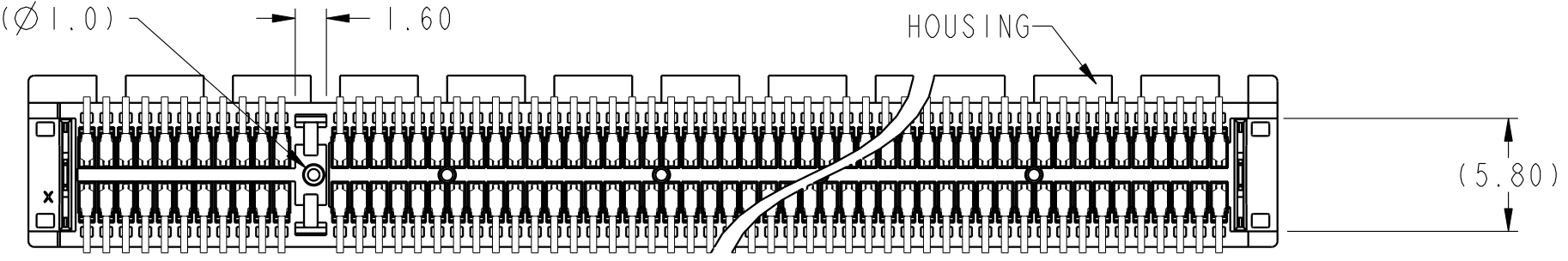
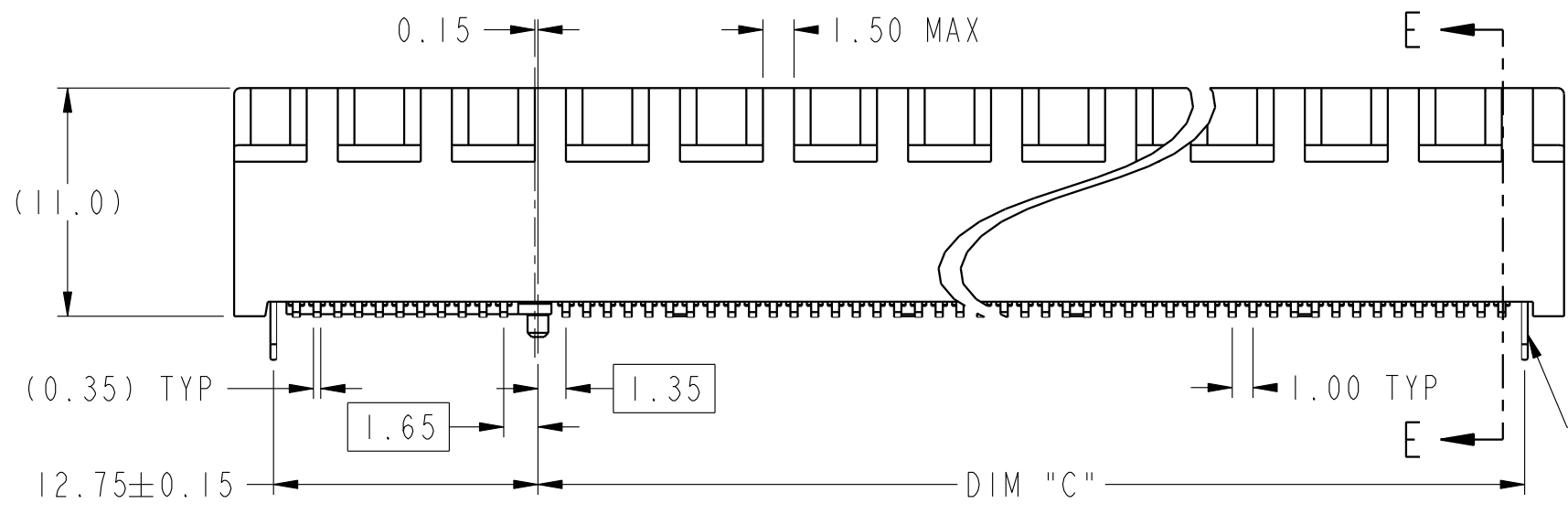
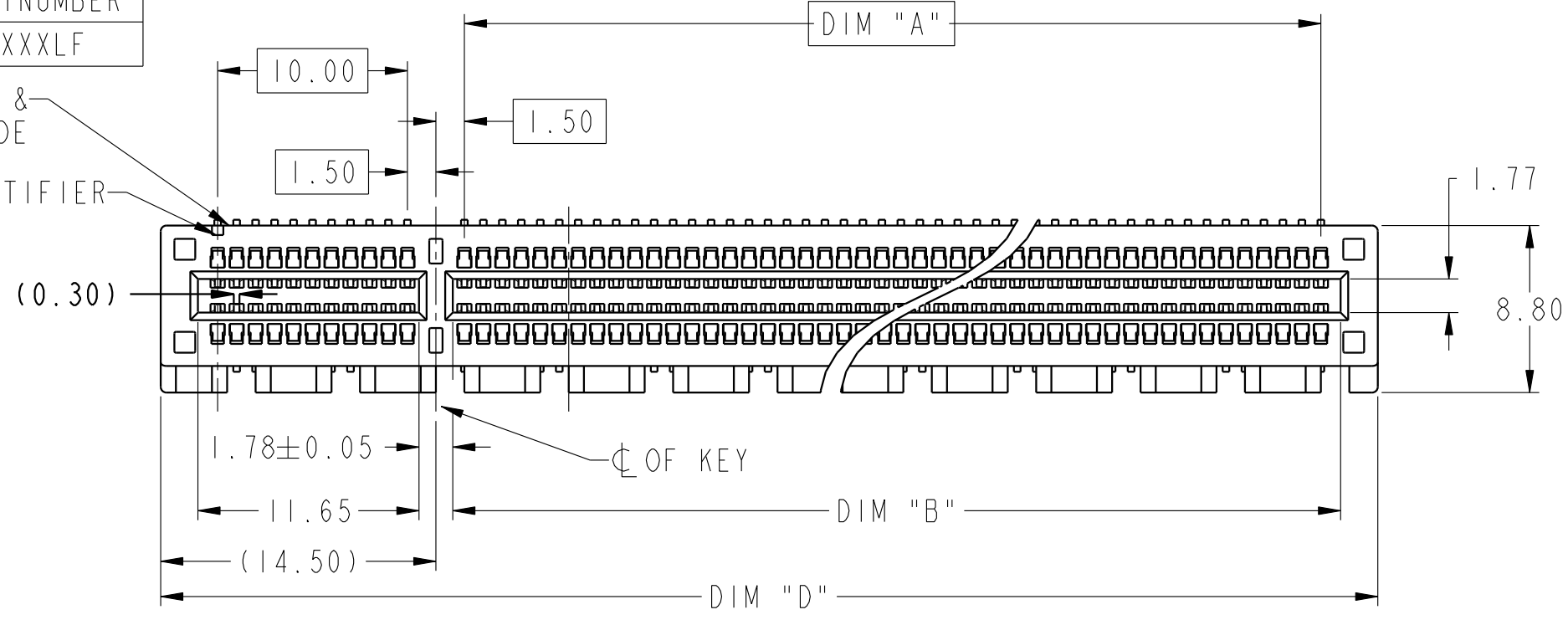


PRODUCT PARTNUMBER
10144661-XXXXLFL

PARTNO &
DATECODE

#AI IDENTIFIER



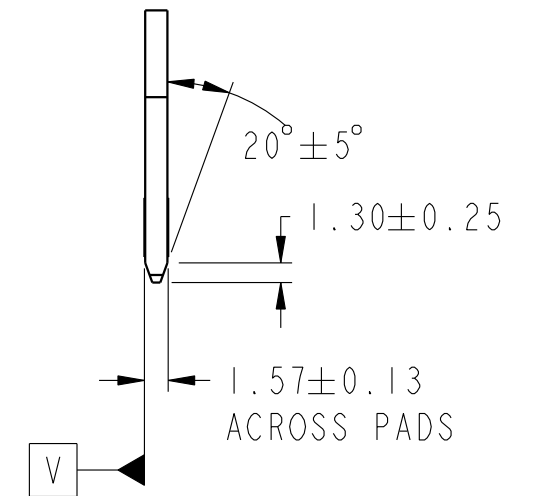
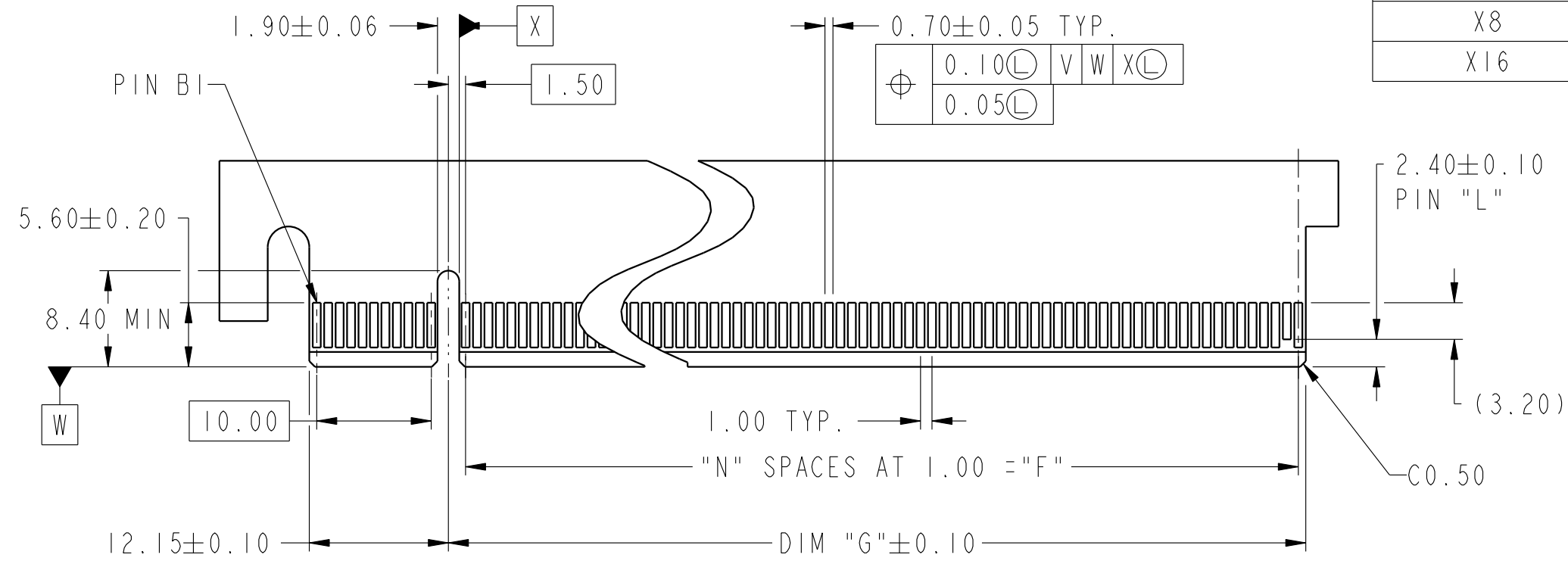
spec ref	-	dr	Cheong, Matthe	2017/07/13
tolerance std	ISO 406 ISO 1101	eng	-	2020/09/07
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-
		appr	Koon-Poh Tay	2020/09/14
surface	linear	0.X	±0.30	
		0.XX	±0.20	
		0.XXX	±0.1	
ISO 1302	angular	0°	±2°	

projection	MM	size	A3	scale	3:1
product family	PCI express	ecn no	ELX-S-36435-1	rel level	Released
Amphenol FCI	PCI Express 4.0	dwg no	10144661	rev	C
www.fci.com	SMT Type- BLADE	cat. no.	-	Product - Customer Drw	sheet 1 of 4

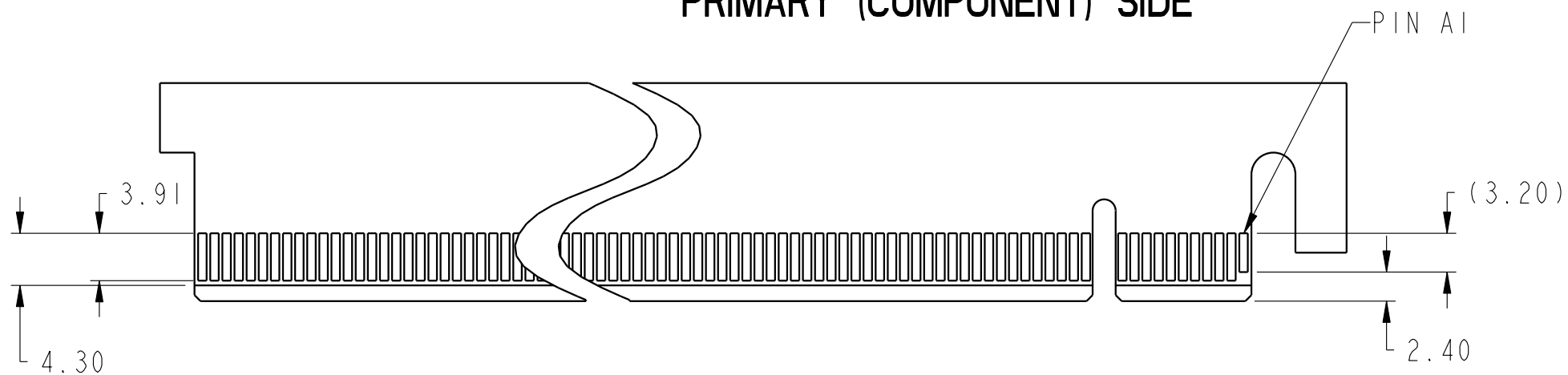
Amphenol FCI

© 2016 AFCI

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

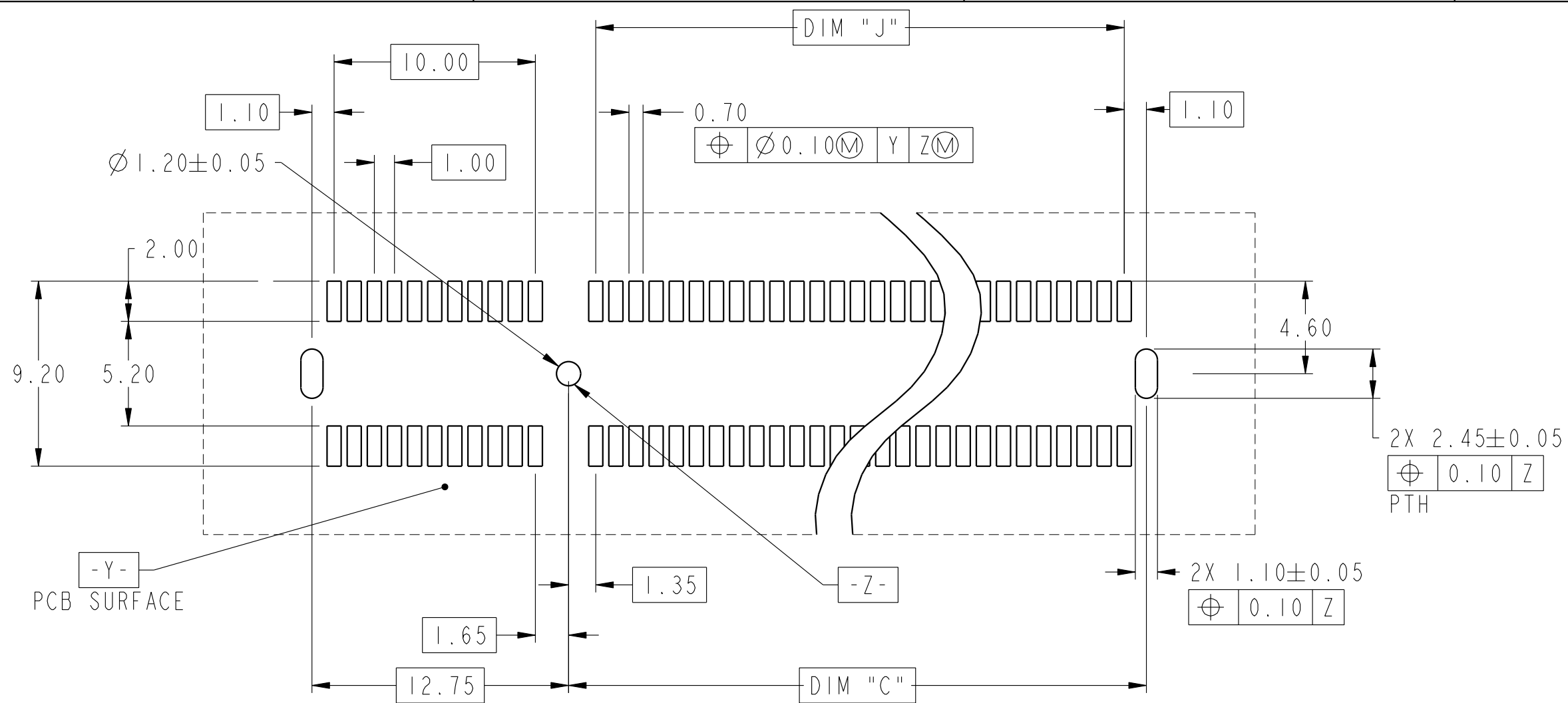


I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

SEE NOTE 1 IN SHEET 2

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

spec ref	-	dr	Cheong, Matthe	2017/07/13	projection	MM	size	A3	scale	2:1	
tolerance std	ISO 406 ISO 1101	eng	-	2020/09/07			ecn no	ELX-S-36435-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	PCI express	rel level	Released	
surface	linear	appr	Koon-Poh Tay	2020/09/14	PCI Express 4.0		dwg no	10144661		rev	C
ISO 1302	angular	www.fci.com		cat. no.	Product - Customer Drw		sheet 2 of 4				
	0.X	±0.30									
	0.XX	±0.20									
	0.XXX	±0.1									
	0°	±2°									



RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS					
POSITION	A	B $\begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$	C ± 0.15	D ± 0.23	J
36	6.00	7.65	8.45	25.00	6.00
64	20.00	21.65	22.45	39.00	20.00
98	37.00	38.65	39.45	56.00	37.00
164	70.00	71.65	72.45	89.00	70.00

spec ref	-	dr	Cheong, Matthe	2017/07/13	projection	MM	size	A3	scale	4:1										
tolerance std	ISO 406 ISO 1101	eng	-	2020/09/07			ecn no	ELX-S-36435-1												
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	PCI express		rel level	Released									
surface	-	appr	Koon-Poh Tay	2020/09/14	Amphenol FCI		title	PCI Express 4.0		rev	C									
ISO 1302	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>± 0.30</td> </tr> <tr> <td></td> <td>0.XX</td> <td>± 0.20</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>± 0.1</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>$\pm 2^\circ$</td> </tr> </table>	linear	0.X	± 0.30		0.XX	± 0.20		0.XXX	± 0.1	angular	0°	$\pm 2^\circ$	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 3 of 4	dwg no 10144661	
linear	0.X	± 0.30																		
	0.XX	± 0.20																		
	0.XXX	± 0.1																		
angular	0°	$\pm 2^\circ$																		

PRODUCT NUMBER CODE

10144661 - L F C

HOUSING COLOR

1: BLACK

CONTACT AREA PLATING

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

NO. OF POSITION

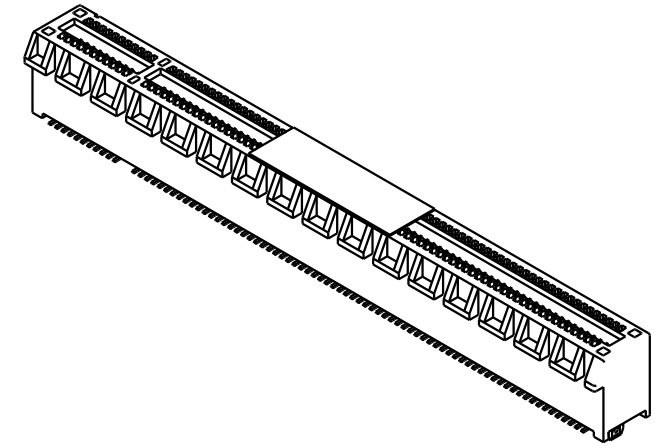
0: 36 POSITIONS
1: 64 POSITIONS
2: 98 POSITIONS
3: 164 POSITIONS

DIM "X"

0: 2.05
1: 1.20

PACKAGING OPTIONS

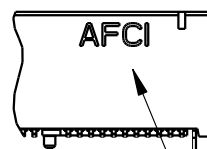
- A: HARD TRAY (323 x 136 x 19) WITH KAPTON TAPE, 22MM (98 & 164 POS)
- B: HARD TRAY (323 x 136 x 19) WITH KAPTON TAPE, 86.5MM (164 POS)
- Q: HARD TRAY (323 x 136 x 19) (98 & 164 POS)
- C: SOFT TRAY (317.5 x 235 x 18) WITH PICK-UP CAP (36 & 64 POS)
- T: SOFT TRAY (317.5 x 235 x 18) WITH KAPTON TAPE, 22MM (36 & 64 POS)
- N: SOFT TRAY (317.5 x 235 x 18) (36 & 64 POS)
- K: CUSTOM HARD TRAY (295 x 185) (164 POS)
- L: CUSTOM HARD TRAY (295 x 185) WITH KAPTON TAPE, 22M (164 POS)
- W: HARD TRAY (330 x 235 x 19.3) WITH KAPTON TAPE, 30MM (98 & 164 POS)
- X: HARD TRAY (330 x 235 x 19.3) WITH PICK-UP CAP (98 & 164 POS)
- Y: HARD TRAY (330 x 235 x 19.3) WITH KAPTON TAPE, 22MM (98 & 164 POS)
- Z: HARD TRAY (330 x 235 x 19.3) WITH KAPTON TAPE, 86.5MM (164 POS)



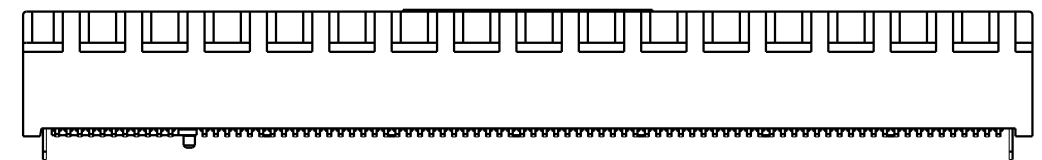
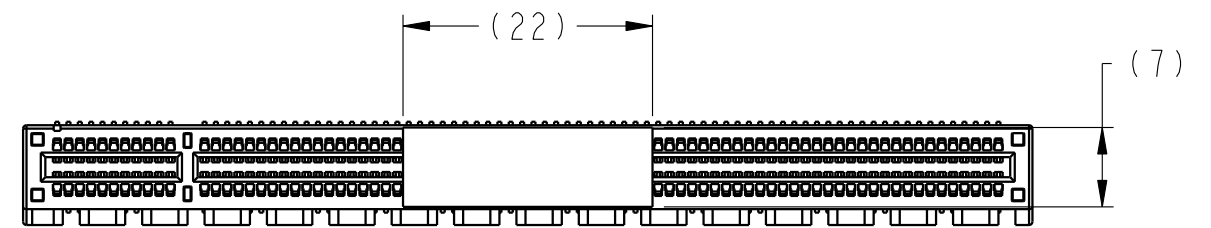
NOTES:

1. MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED, UL94V-0
CONTACT: COPPER ALLOY.
HOLDDOWN BLADES: COPPER ALLOY
2. PLATING:
CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
SOLDER AREA: 100u" TIN (LEAD FREE).
MATING AREA: SEE PRODUCT NUMBER CODE.
HOLDDOWN BLADES: 100u" TIN OVER 50 u" NICKEL.
3. PRODUCT SPECIFICATION: GS-12-1406
4. DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
L IS AFCI PRODUCTION SITE.
5. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-004.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

POSITION OF KAPTON TAPE



DATE CODE & PARTNO



spec ref -		dr Cheong, Matthe	2017/07/13	projection	MM	size A3	scale 2:1
tolerance std ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED				ecn no ELX-S-36435-1	
		eng -	2020/09/07			rel level Released	
surface		linear	0.X ±0.30 0.XX ±0.20 0.XXX ±0.1	product family PCI express		cat. no. 10144661	
ISO 1302		angular	0° ±2°	www.fci.com		rev C	
				title PCI Express 4.0 SMT Type- BLADE		Product - Customer Drw	
				www.fci.com		sheet 4 of 4	