

DATA CODE &
PARTNO

#AI IDENTIFIER

— DIM "A"

10.00

1.50

150

- 1.77

8.80

 1.78 ± 0.05

-C OF KEY

- DIM "B"

- DIM "D"

SEE DETAIL

1.50

0.15

1.50 MAX

(11.08)

1.08

0.35±0.05 TYP

136

1 00 TYP

- DIM "C"

1.65

 $(\emptyset \mid .0)$

60

HOUSING-

(2.00)

$$\neg (\bigcirc \mid . 0)$$
 (5.80)

SECTION A-A
SCALE 8:1

CO. 2

$$= 0.60 \pm 0.05$$
$$= 1.00 + 0.05$$

DETAIL B
SCALE 8:1

—HOLDDOWN
CLIP

spec ref -				dr	Cheong, Matthe	2018/01/10	projection		size	A3	scale	3:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/05/22				ecn no	ELX-S-30246-1	
				chr	-	-						
				appr	Koon-Poh Tay	2018/05/25	product family		PCI express		rel level	Released
surface - ISO 1302		linear	0.X	±0.30	Amphenol FCI	title PCI Express Gen 5 (32Gb/s) SMT Type	dwg no	10144667		rev	B	
			0.XX	±0.20								
			0.XXX	±0.1								
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 1 of 4		

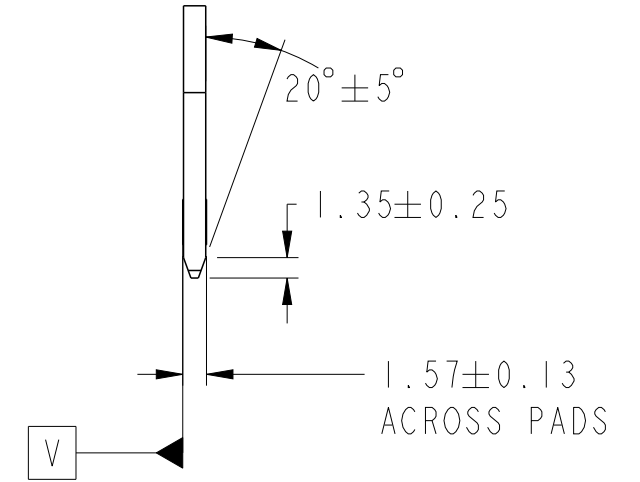
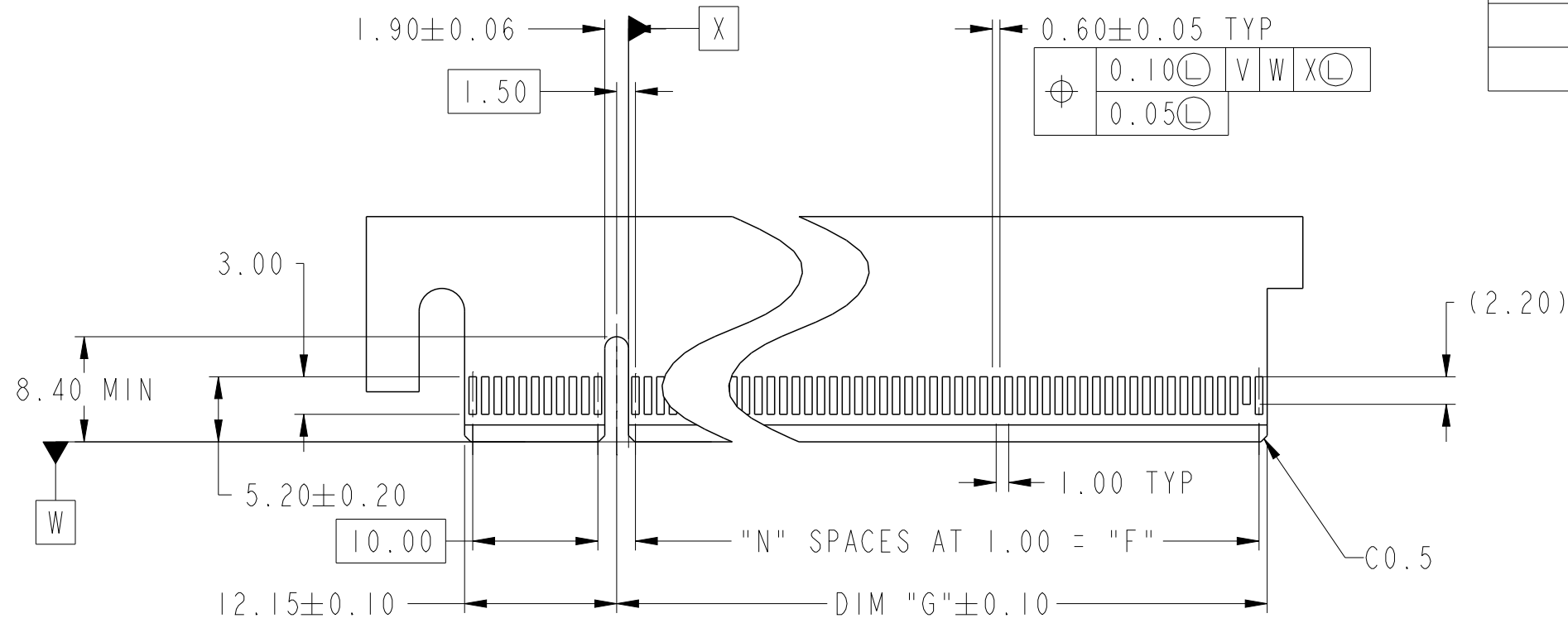
A

B

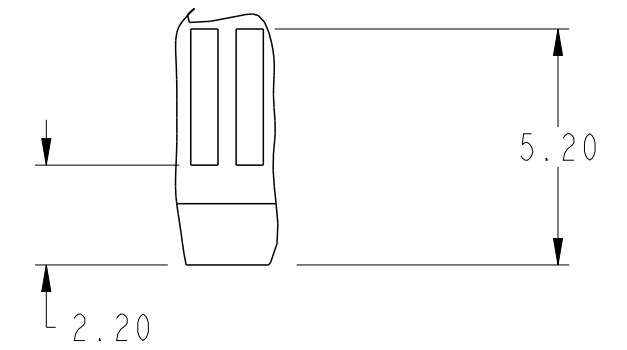
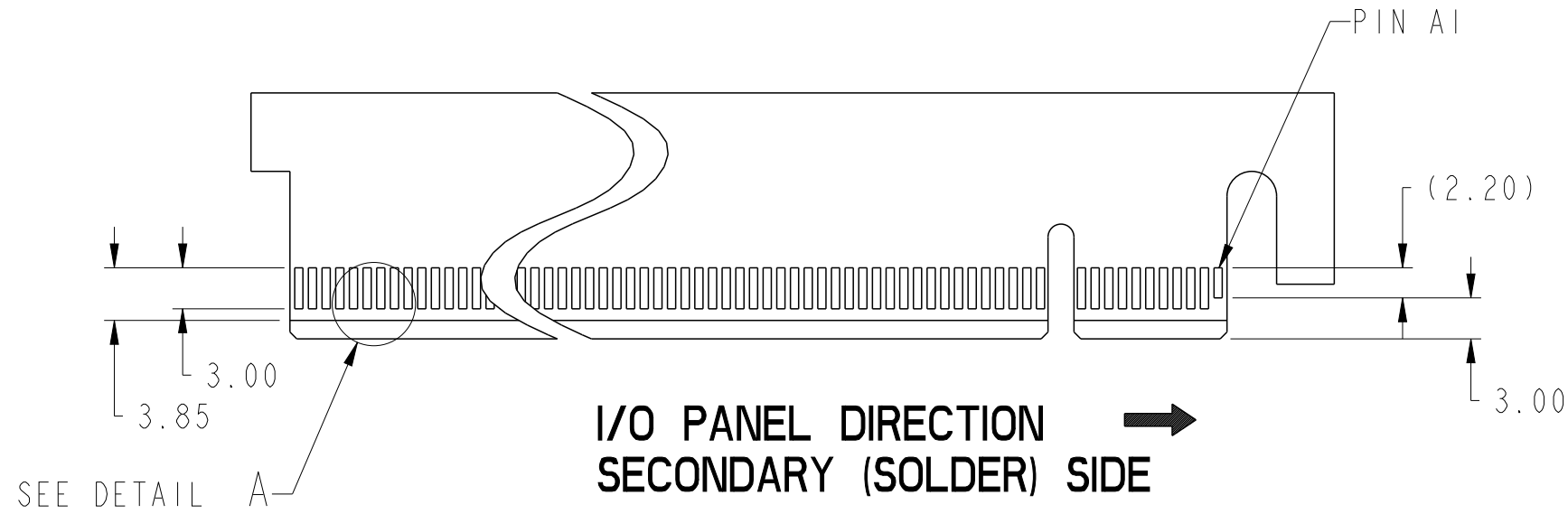
C

D

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



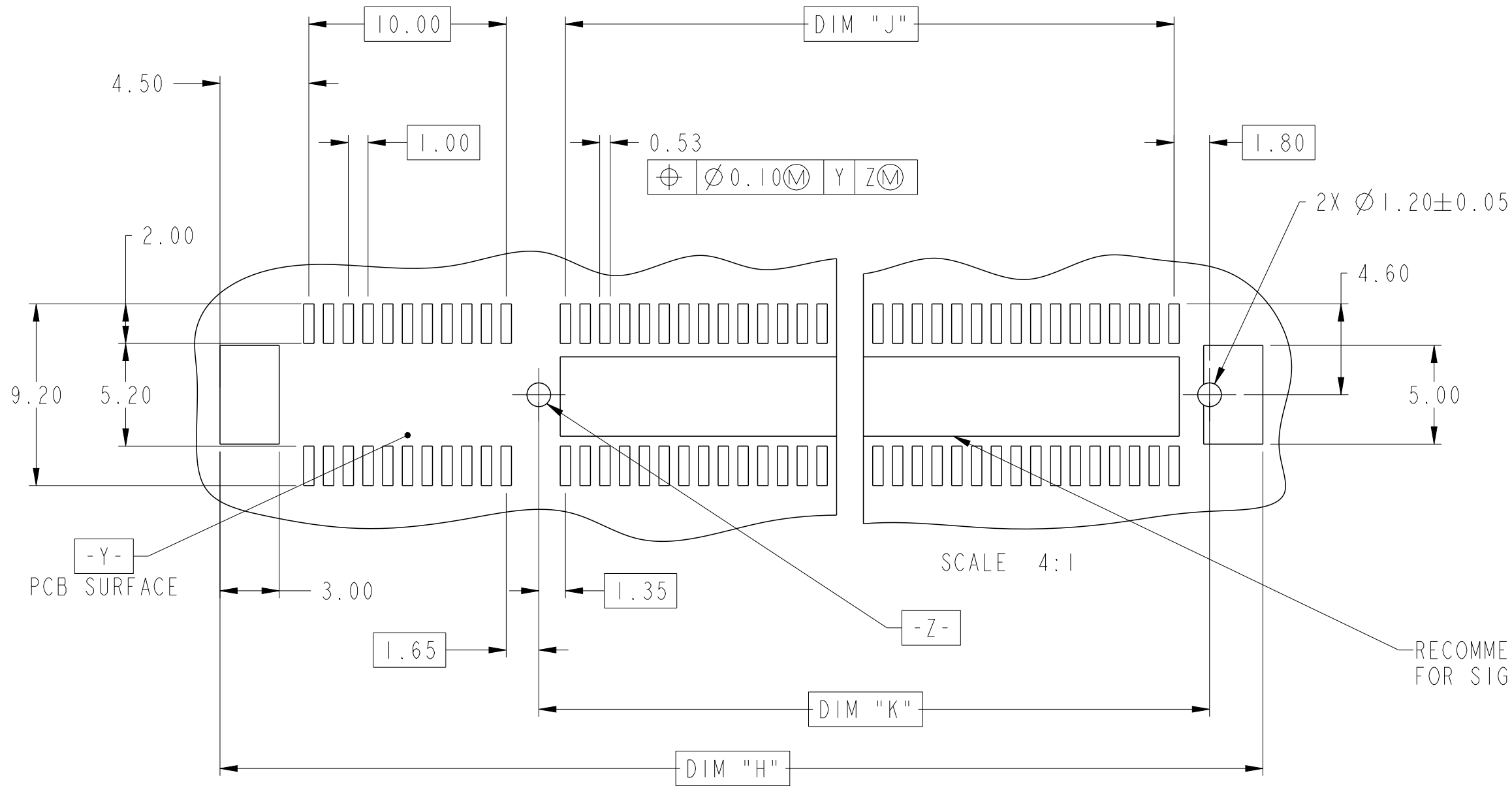
← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



DETAIL A
SCALE 6:1

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
4. CONTACT APCI ENGINEERING FOR SI REPORT

spec ref	-	dr	Cheong, Matthe	2018/01/10	projection	MM	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2018/05/22	chr	-	ec n no	ELX-S-30246-1	rel level	Released
surface	linear	appr	Koon-Poh Tay	2018/05/25	product family	PCI express	rel level	Released	rev	B
ISO 1302	angular	0°	±2°	Amphenol FCi	PCI Express Gen 5 (32Gb/s)	dwg no	10144667	cat. no.	Product - Customer Drw	sheet 2 of 4



DIMENSIONS								
POSITION	A	B ^{+0.15} _{-0.05}	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	2018/01/10	projection 	MM 	size	A3	scale	4:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/05/22			ecn no	ELX-S-30246-1		
				chr	-	-			rel level	Released		
				appr	Koon-Poh Tay	2018/05/25	product family		PCI express			
surface -  ISO 1302	linear	0.X	±0.30	Amphenol FCi	title PCI Express Gen 5 (32Gb/s) SMT Type				dwg no	10144667		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

10144667- 0000 OLF

HOUSING COLOR

1: BLACK

CONTACT AREA PLATING

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

PACKAGING OPTIONS

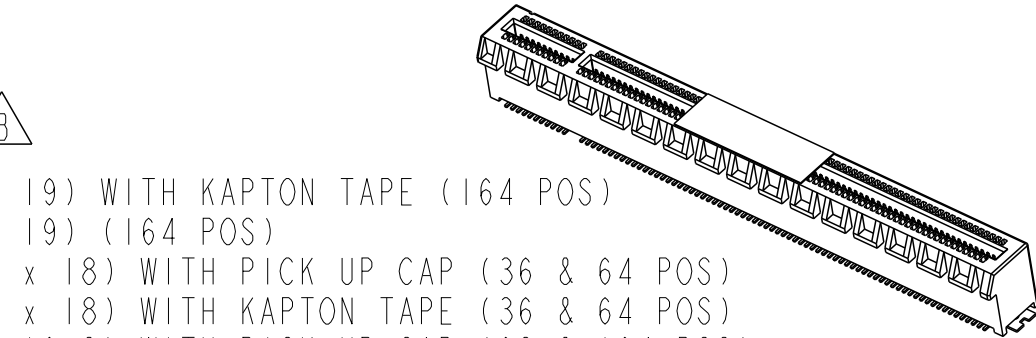
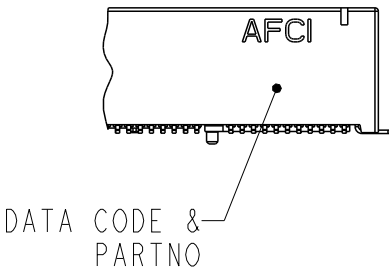
- A: HARD TRAY (DIM: 323 x 136 x 19) WITH KAPTON TAPE (164 POS)
Q: HARD TRAY (DIM: 323 x 136 x 19) (164 POS)
C: SOFT TRAY (DIM: 317.5 x 235 x 18) WITH PICK UP CAP (36 & 64 POS)
T: SOFT TRAY (DIM: 317.5 x 235 x 18) WITH KAPTON TAPE (36 & 64 POS)
X: HARD TRAY (DIM: 330 x 235 x 19.3) WITH PICK UP CAP (98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

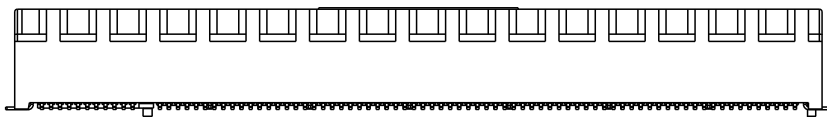
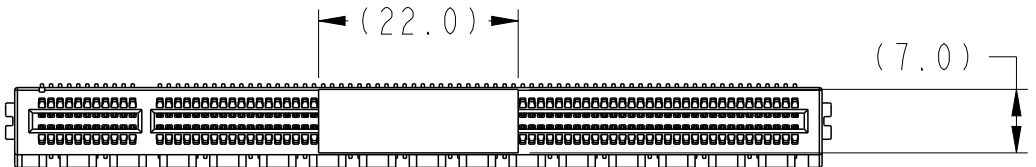
- 0: 36 POSITIONS
1: 64 POSITIONS
2: 98 POSITIONS
3: 164 POSITIONS

NOTES:

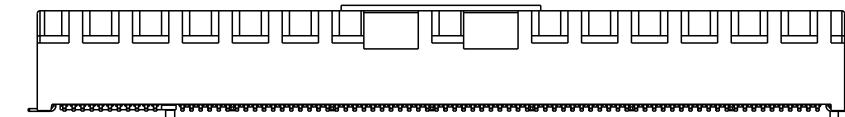
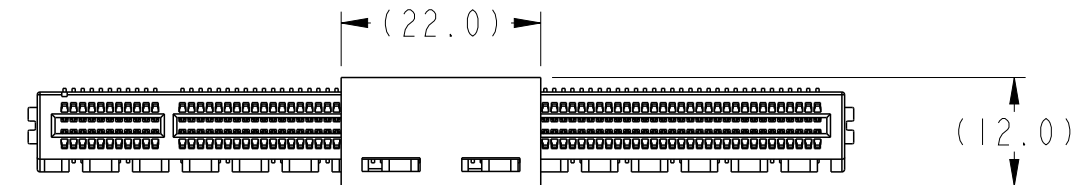
1. MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED, UL94V-0
CONTACT: COPPER ALLOY.
HOLDDOWN CLIPS: COPPER ALLOY
2. PLATING:
CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
SOLDER AREA: 100u" TIN (LEAD FREE).
MATING AREA: SEE PRODUCT NUMBER CODE.
HOLDDOWN CLIP: 100u" TIN OVER 50 u" NICKEL.
3. PRODUCT 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 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



POSITION OF PICK UP CAP



spec ref -				dr		Cheong, Matthe	2018/01/10	projection		MM		size		A3	scale		2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Cheong, Matthe	2018/05/22											
ISO 406						chr		-	-											
ISO 1101						appr		Koon-Poh Tay	2018/05/25									product family		PCI express
												rel level		Released						
surface		linear		0.X		±0.30		Amphenol FCI		title		PCI Express Gen 5 (32Gb/s)		dwg no		10144667		rev		B
				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				

Mouser Electronics

Authorized Distributor

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