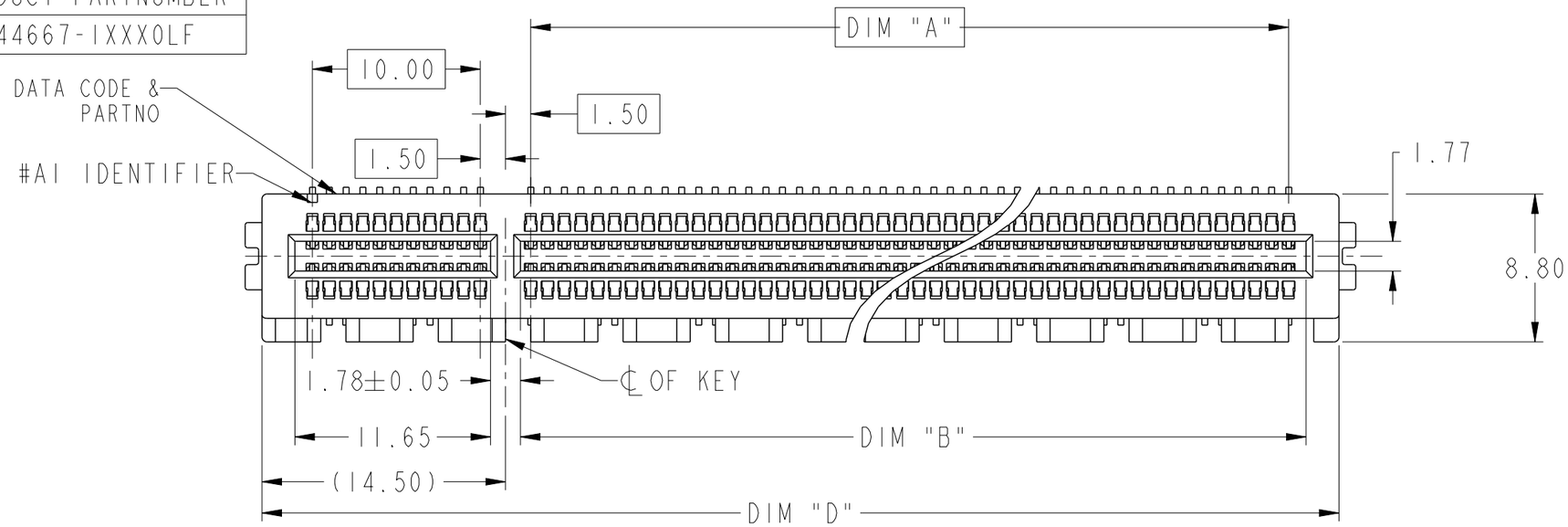
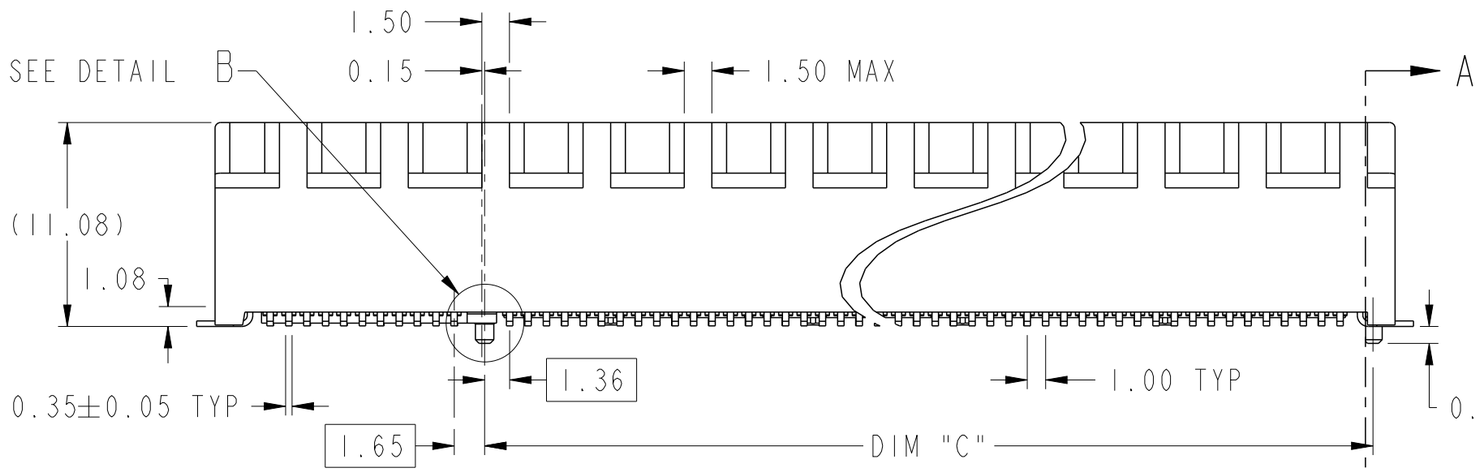
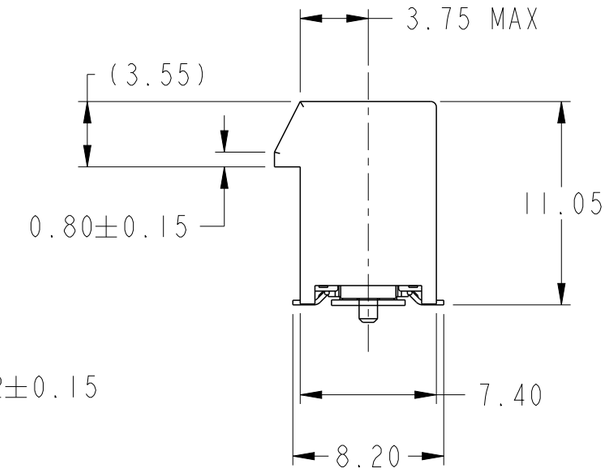
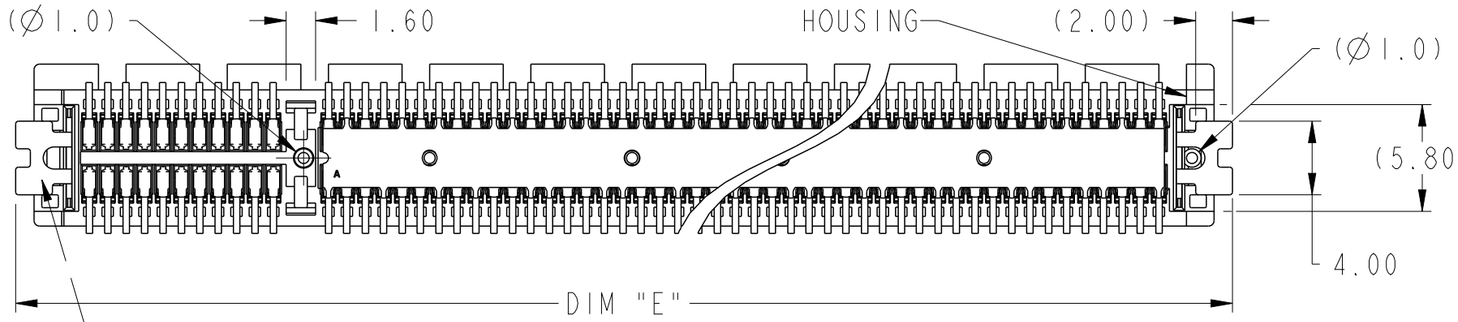
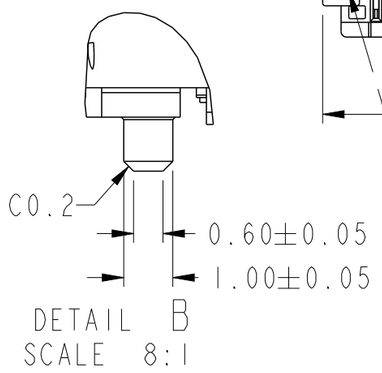
PRODUCT PARTNUMBER
10144667-1XXX0LF

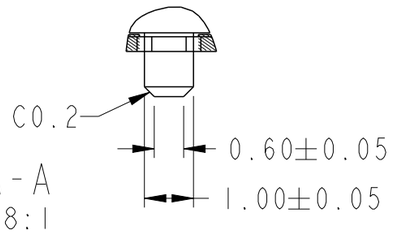












spec ref	-			dr	Cheong, Matthe	2018/01/10	projection	MM	size A3	scale 3:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/05/22				
				chr	-	-			ecn no	ELX-S-30246-1
				appr	Koon-Poh Tay	2018/05/25	product family	PCI express	rel level	Released
surface - 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	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 1 of 4			
	angular	0°	±2°									

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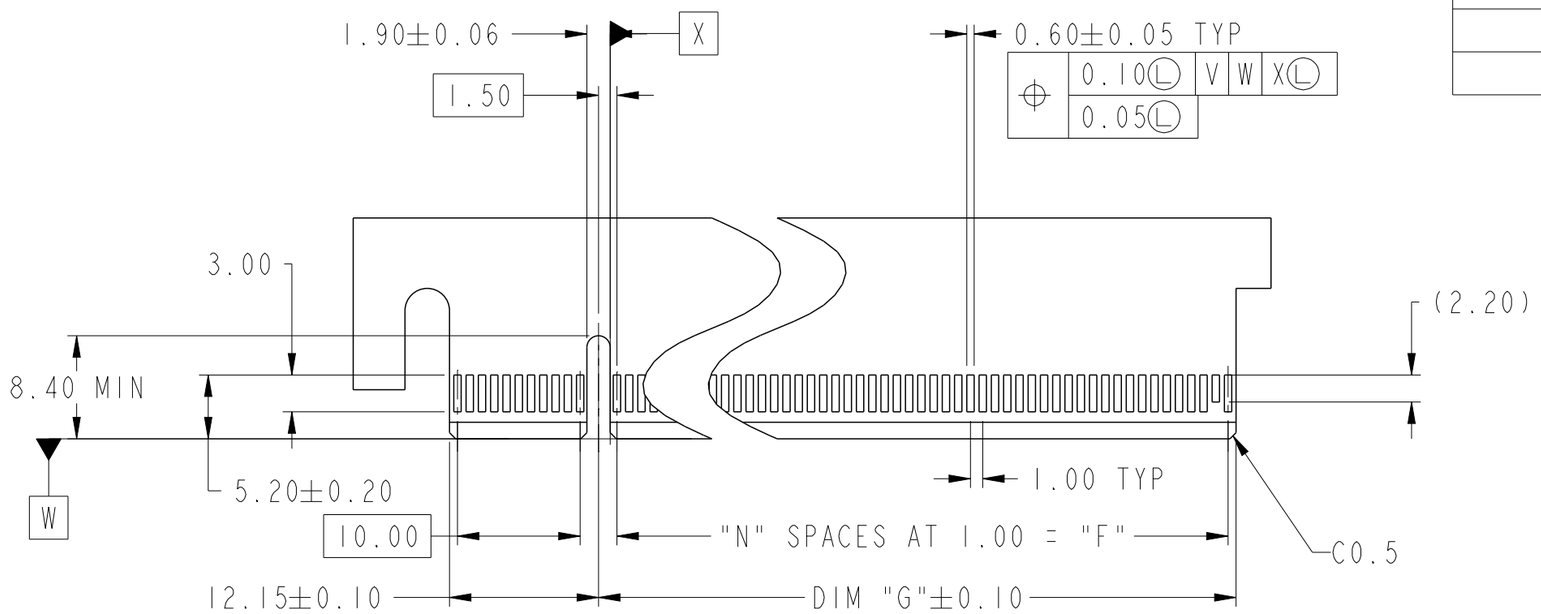
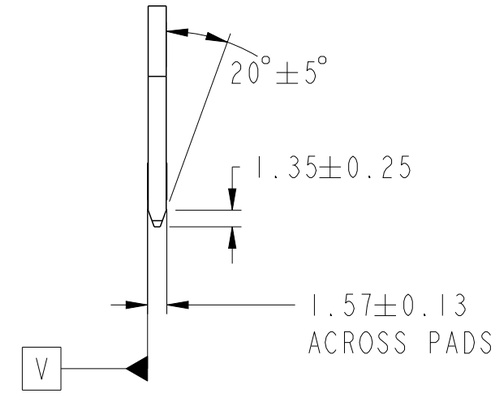
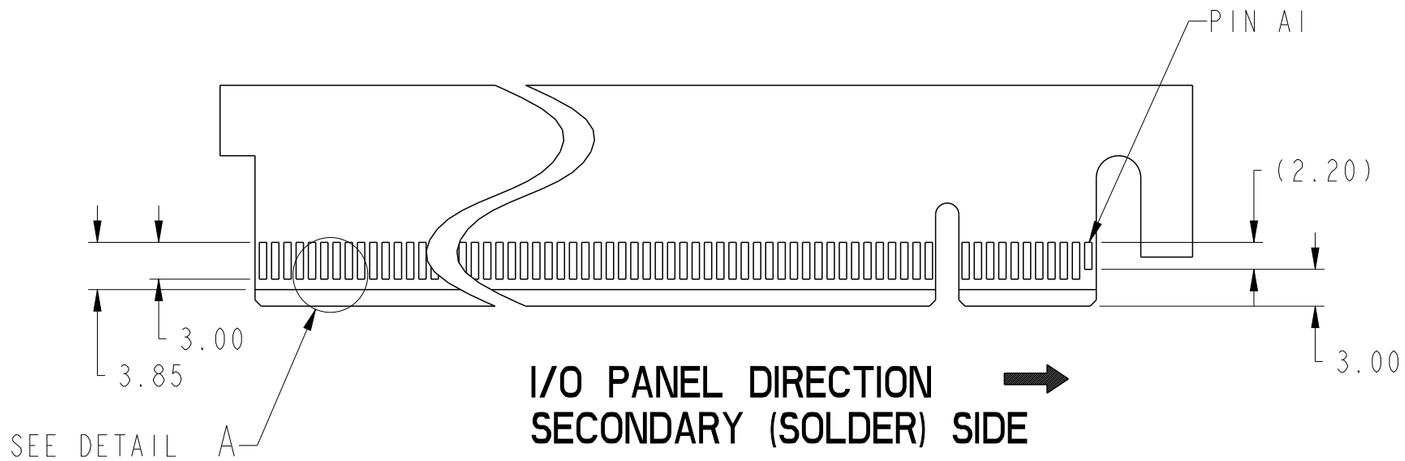
PDS: Rev :B STATUS:Released Printed: May 25, 2018

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

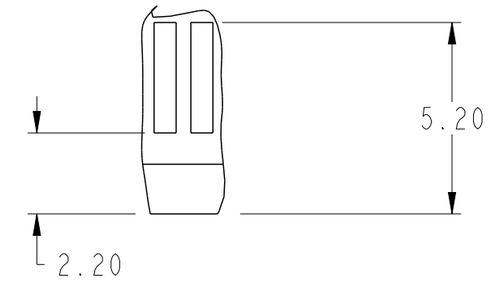




← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE



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 AFCI 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	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 2 of 4

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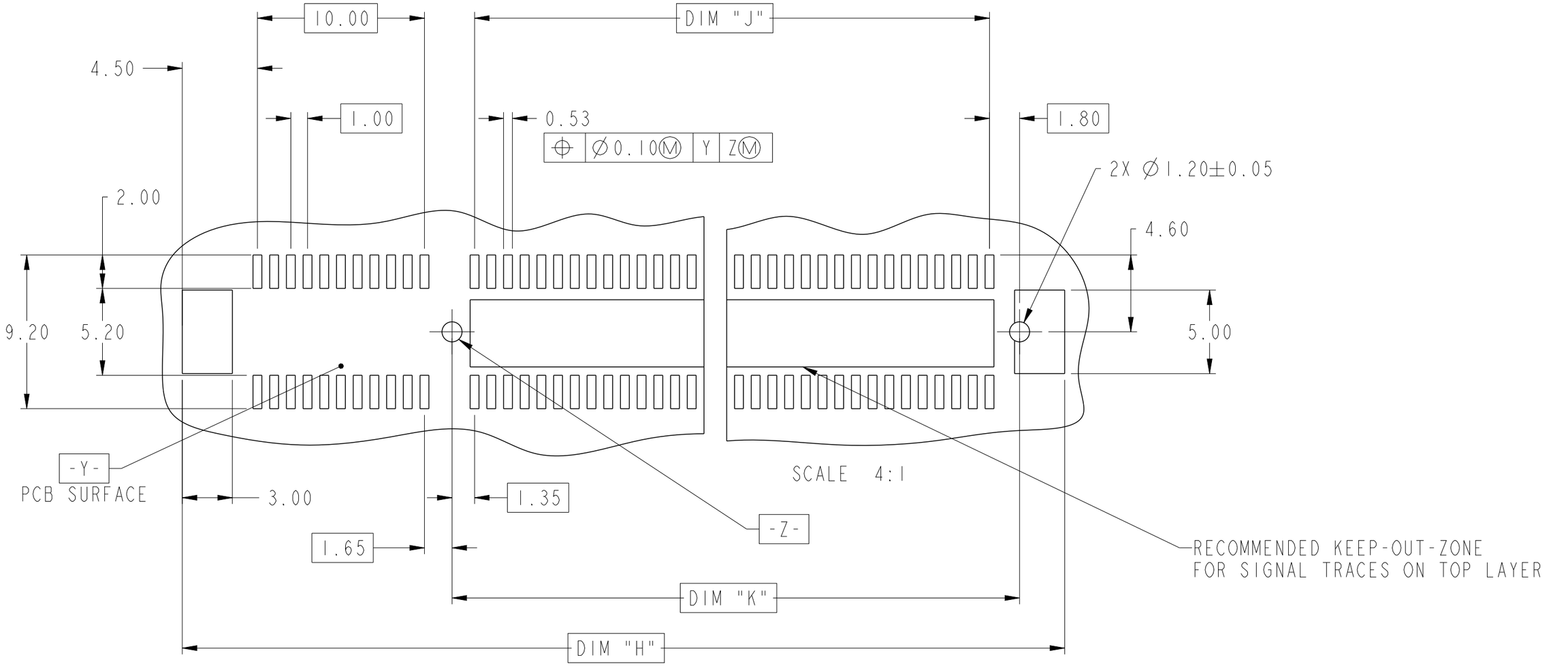

DIMENSIONS								
POSITION	A	B $^{+0.15}_{-0.05}$	C ±0.10	D ±0.23	E ±0.20	H ±0.10	J	K ±0.10
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00	9.15
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00	23.15
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00	40.15
164	70.00	71.65	73.15	89.00	91.00	92.00	70.00	73.15

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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	-	-			
				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 3 of 4

PRODUCT NUMBER CODE

10144667- □□□□ 0LF

HOUSING COLOR

B 1: BLACK

CONTACT AREA PLATING

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

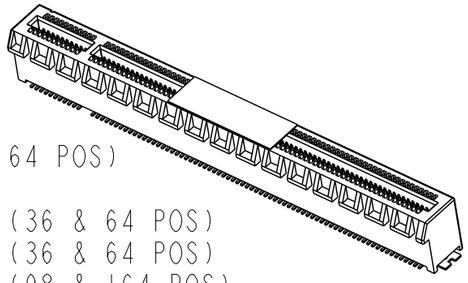
NO. OF POSITION

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

PACKAGING OPTIONS

B

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)



NOTES:

1. MATERIAL:
   HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED, UL94V-0
   CONTACT: COPPER ALLOY.
   HOLDDOWN CLIPS: COPPER ALLOY

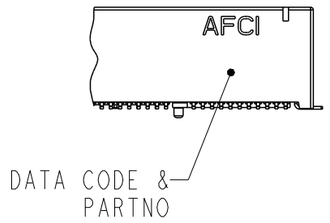
2. PLATING:
   CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
   SOLDER AREA: 100u" TIN (LEAD FREE).
   MATING AREA: SEE PRODUCT NUMBER CODE.
   HOLDDOWN CLIP: 100u" TIN OVER 50 u" NICKEL.

3. PRODUCT SPECIFICATION: GS-12-1406

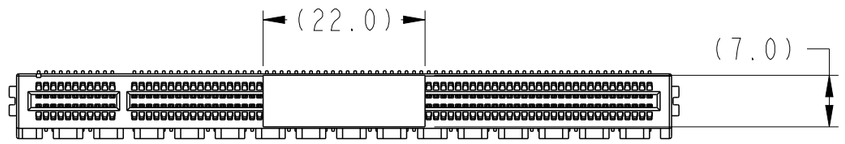
4. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

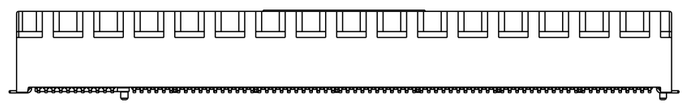
5. DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
" L" IS AFCI PRODUCTION SITE.

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

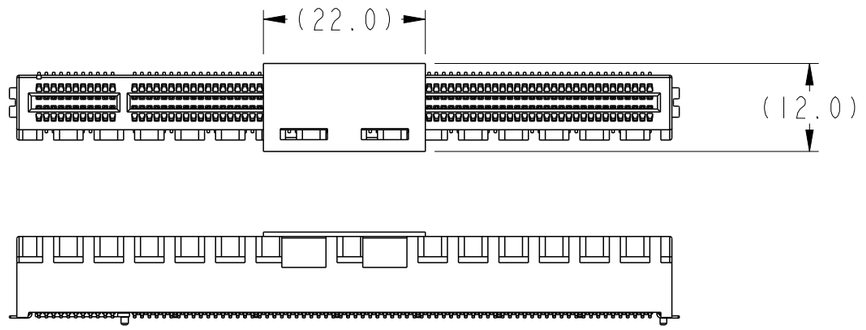


POSITION OF KAPTON TAPE





POSITION OF PICK UP CAP



spec ref	-			dr	Cheong, Matthe	2018/01/10	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/05/22		size A3 / scale 2:1
				chr	-	-		ecn no ELX-S-30246-1
				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 4 of 4

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PDS: Rev :B STATUS:Released Printed: May 25, 2018

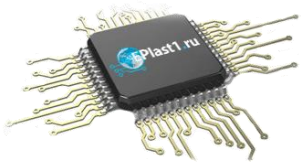
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.