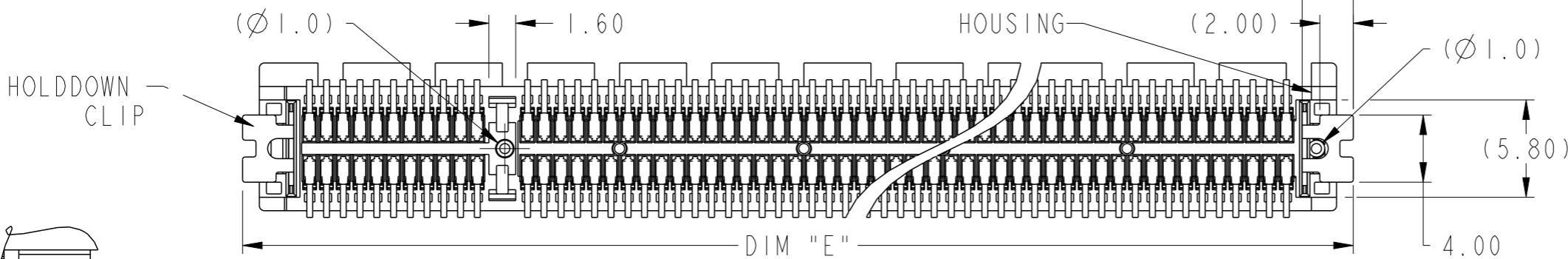
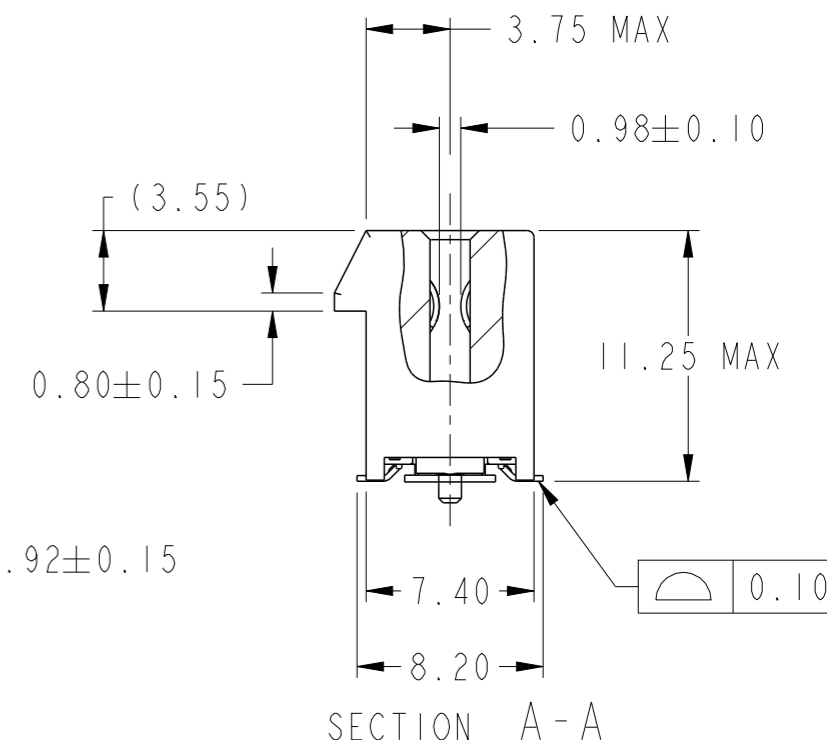
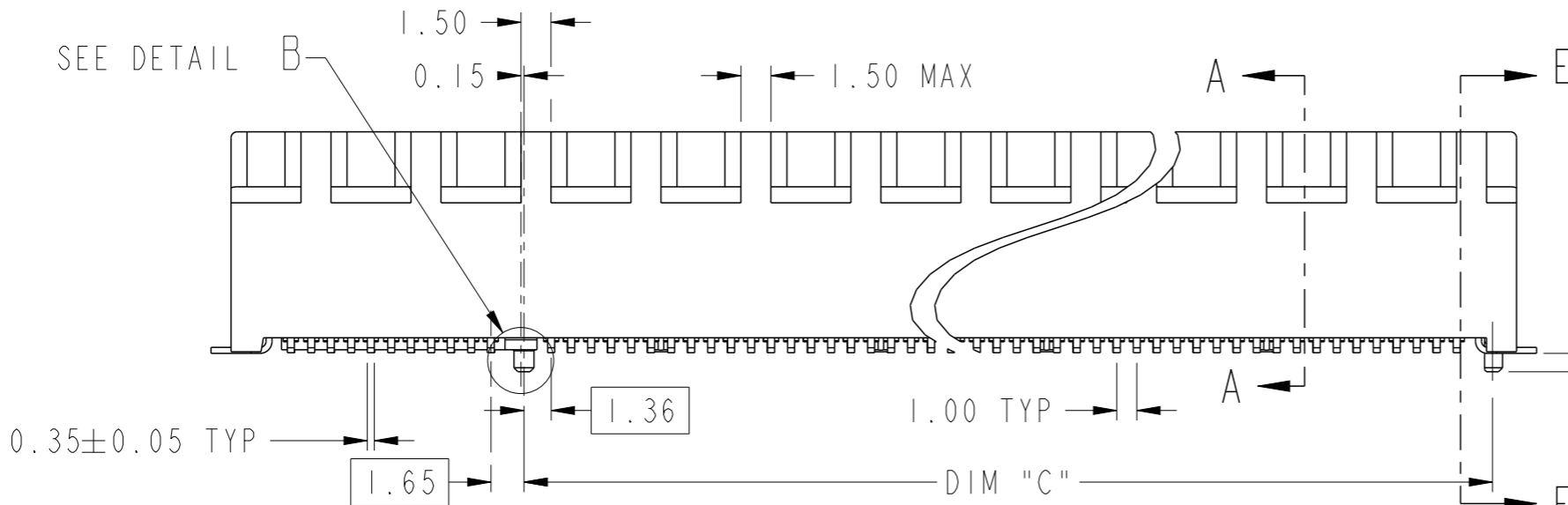
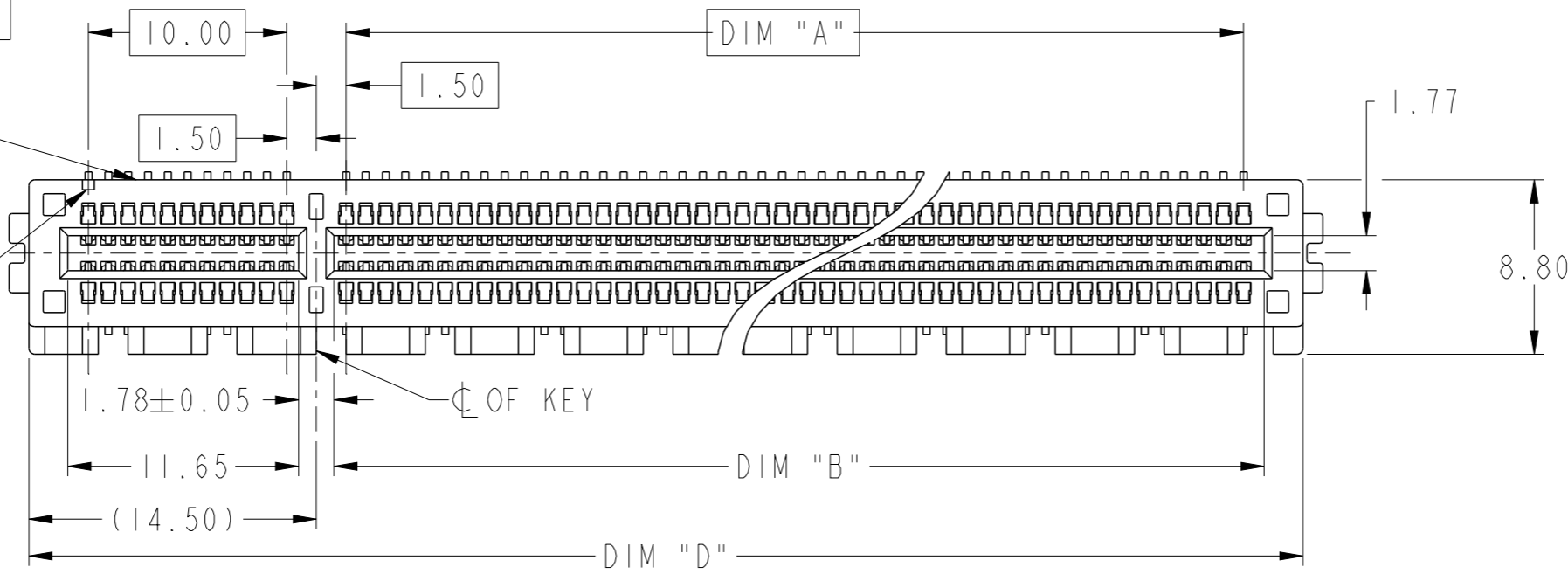


PRODUCT PARTNUMBER  
10146065-XXXXLF

PARTNO &  
DATECODE

#AI IDENTIFIER



SECTION E-E  
SCALE 3:1

HOLDDOWN  
CLIP

(Ø1.0)

HOUSING

(Ø1.0)

C0.2

C0.2

0.60 ± 0.05

0.60 ± 0.05

1.00 ± 0.05

1.00 ± 0.05

DETAIL B  
SCALE 8:1

SECTION E-E  
SCALE 8:1

spec ref	-	dr	Cheong, Matthe	2017/11/06	projection	MM	size	A3	scale	3:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2018/07/19			ecn no	ELX-S-30728-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	PCI express		
surface	linear	0.X	±0.30	<b>Amphenol FCI</b> www.fci.com	PCI Express 4.0		dwg no	10146065	rev	E
		0.XX	±0.20		SMT Type					
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 1 of 4		

**Amphenol FCI**

www.fci.com

PCI Express 4.0  
SMT Type

cat. no.

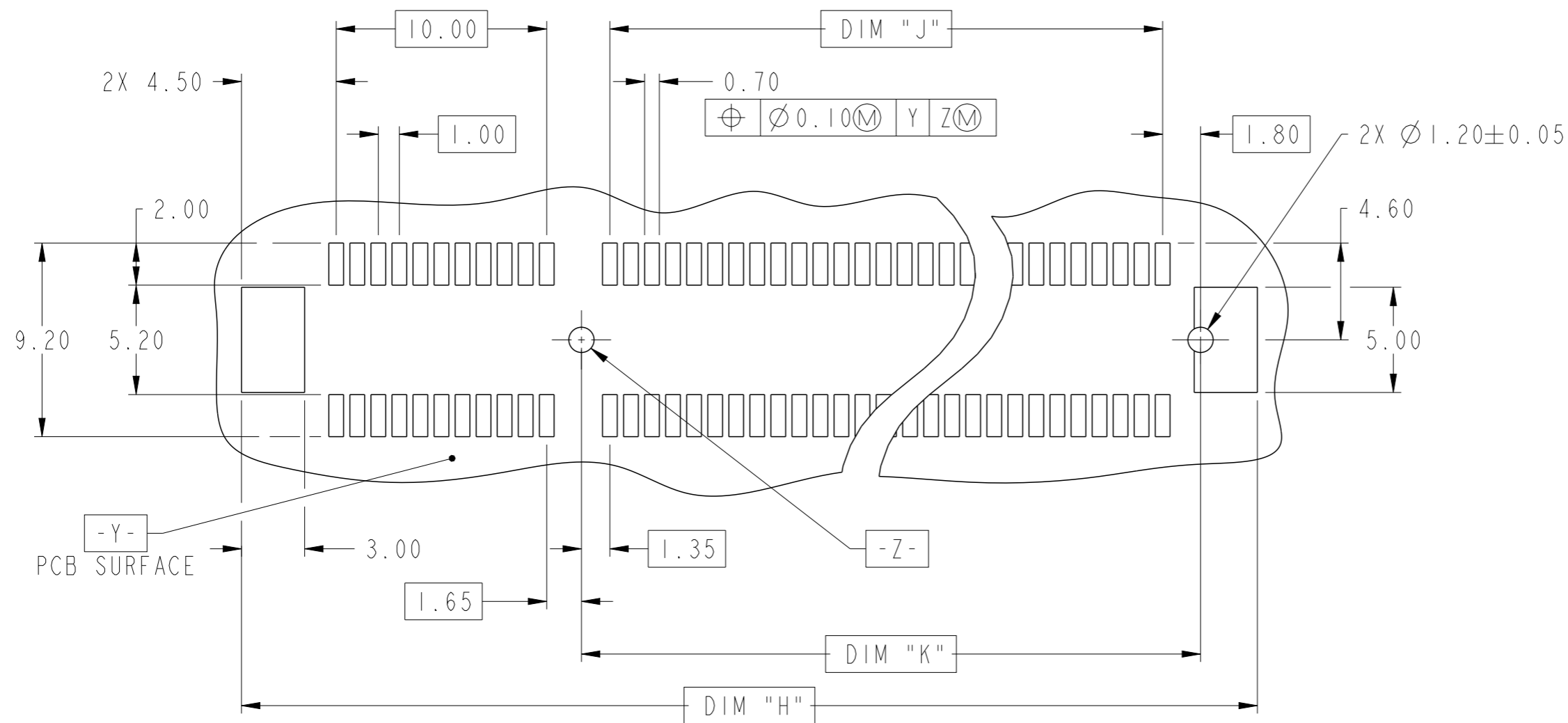
-

Product - Customer Drw

sheet 1 of 4

rev E





### RECOMMENDED PCB LAYOUT, PAD TYPE

POSITION	DIMENSIONS							
	A	B <sup>+0.15</sup> / <sub>-0.05</sub>	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
98 (SEE NOTE)	37.00	38.65	40.15	56.00	56.60	59.00	37.00	40.15
164 (SEE NOTE)	70.00	71.65	73.15	89.00	89.60	92.00	70.00	73.15

spec ref	-	dr	Cheong, Matthe	2017/11/06	projection	MM	size	A3	scale	4:1	
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/07/19	ecn no	ELX-S-30728-1		
surface	-	chr	-	-	appr	Koon-Poh Tay	2018/07/26	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	10146065	rev	E
angular	0° ±2°	www.fci.com			cat. no.	-	Product - Customer Drw		sheet 3 of 4		

**PRODUCT NUMBER CODE**

10146065-      LF

HOUSING COLOR

I: BLACK

HOLDDOWN CLIP

0: NORMAL  
I: SHORTER (BY 0.7MM PER SIDE)

PACKAGING OPTIONS

A: HARD TRAY (DIM: 323 x 136 x 19) WITH KAPTON TAPE, 22MM (164 POS)  
 B: HARD TRAY (DIM: 323 x 136 x 19) WITH KAPTON TAPE, 86.5MM (164 POS)   
 Q: HARD TRAY (DIM: 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)  
 W: HARD TRAY (DIM: 330 x 235 x 19.3) WITH KAPTON TAPE, 30MM (98 & 164 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, 22MM (98 & 164 POS)  
 Z: HARD TRAY (DIM: 330 x 235 x 19.3) WITH KAPTON TAPE, 8.56MM (164 POS)

CONTACT AREA PLATING

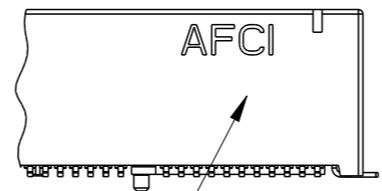
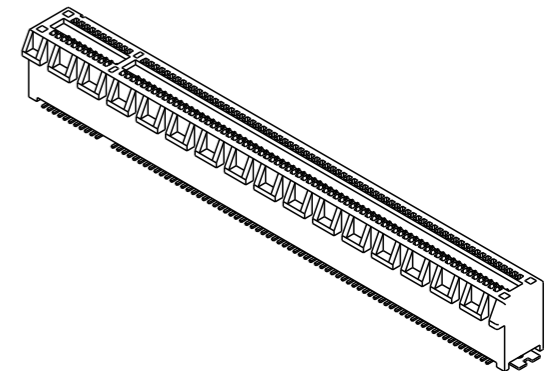
1: 30u" Au  
2: 15u" Au

NO. OF POSITION

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

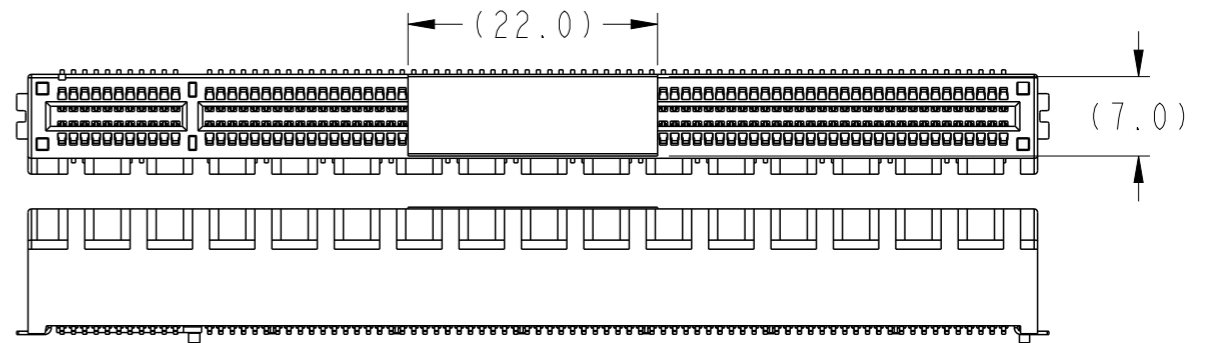
NOTES:

- MATERIAL:  
HOUSING: LCP  
CONTACT: COPPER ALLOY.  
HOLDDOWN CLIP: 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
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-004.
- DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE. L IS AFCI PRODUCTION SITE.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- PARTNO: 10146065-\*\*2\*1LF & 10146065-\*\*3\*1LF, ARE OPTIONS WITH SHORTER HOLDDOWN CLIP FLAT AND PAD LENGTH

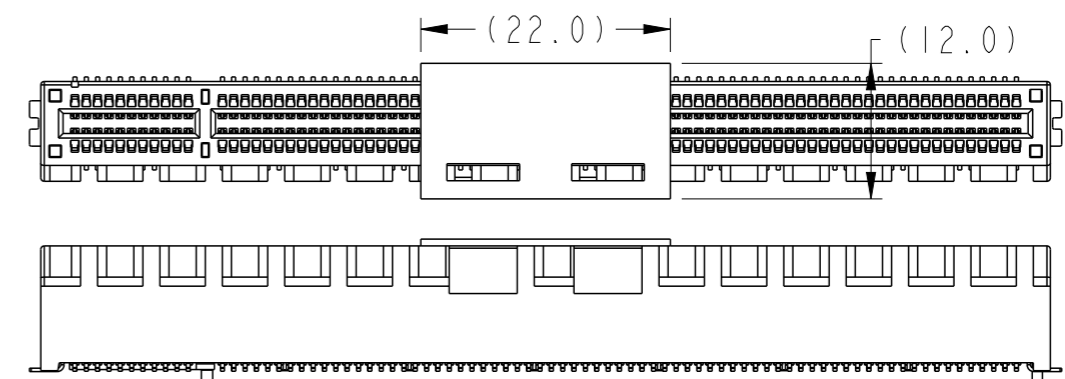


DATA CODE & PARTNO

POSITION OF KAPTON TAPE



POSITION OF PICK UP CAP



spec ref	-	dr	Cheong, Matthe	2017/11/06	projection	MM	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2018/07/19		← →	ecn no	ELX-S-30728-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-						
surface	linear	appr	Koon-Poh Tay	2018/07/26	product family	PCI express	rel level	Released	dwg no	10146065
	0.X ±0.30				Amphenol FCI	PCI Express 4.0			rev	E
	0.XX ±0.20				www.fci.com	SMT Type				
	0.XXX ±0.1				cat. no.	Product - Customer Drw			sheet 4 of 4	
	angular									
	ISO 1302									
	0° ±2°									

Amphenol FCI

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