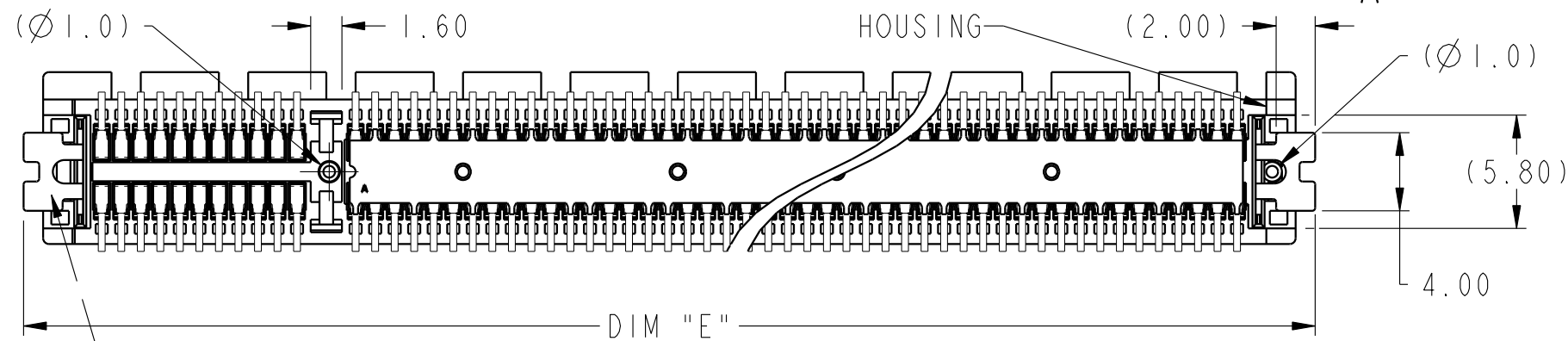
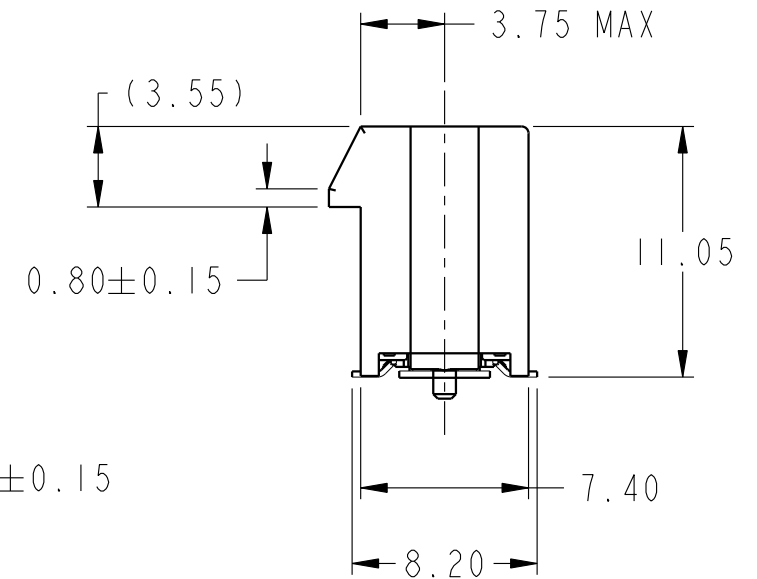
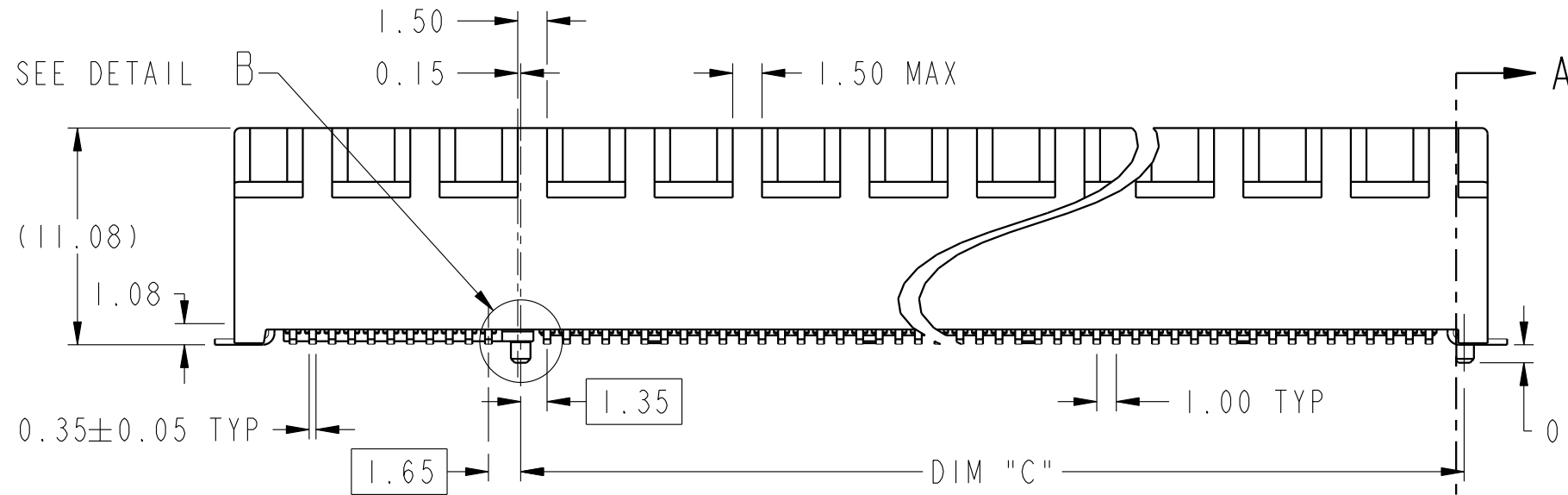
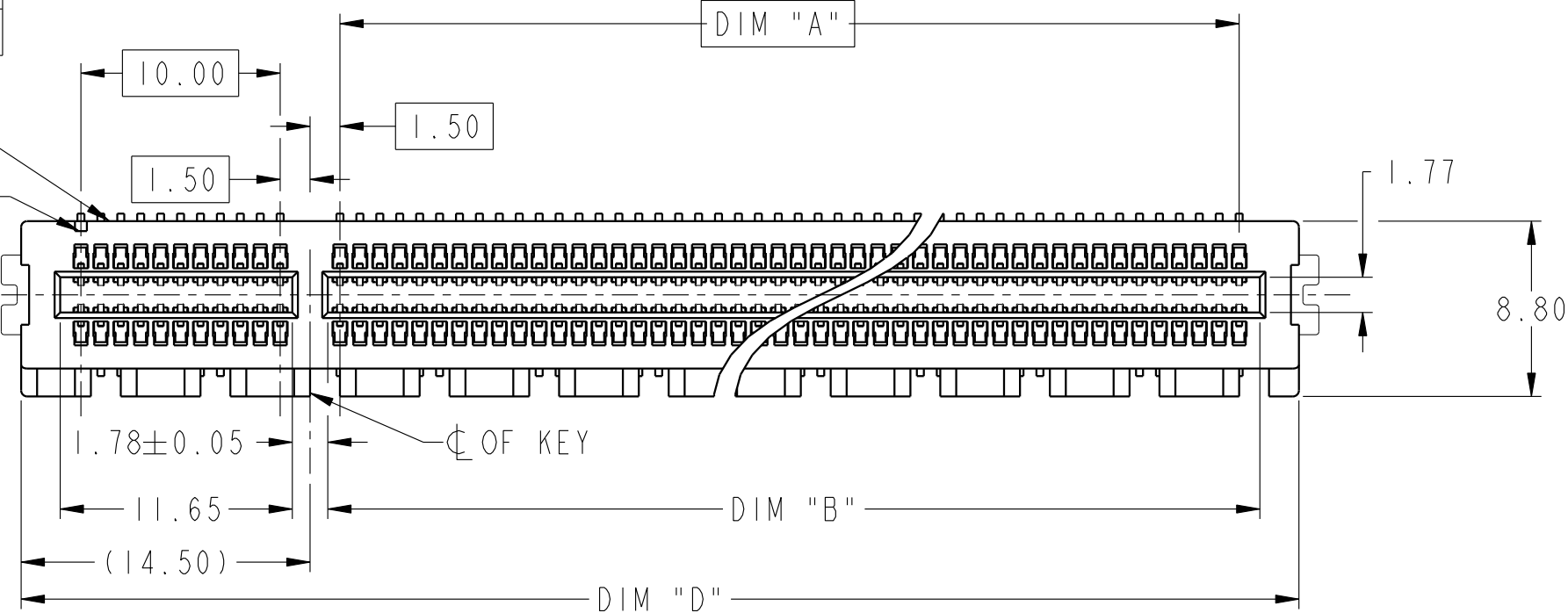


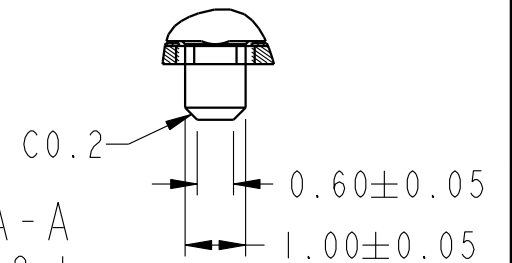
PRODUCT PARTNUMBER
10141523-XXXX0LF

DATA CODE &
PARTNO

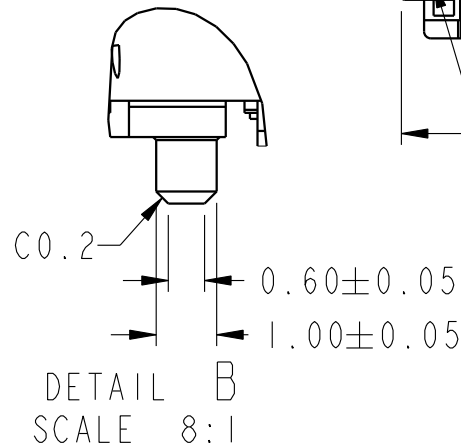
#AI IDENTIFIER



SECTION A-A
SCALE 8:1



PRELIMINARY



HOLDDOWN
CLIP

spec ref	-
tolerance std	ISO 406 ISO 1101
surface	-
ISO 1302	linear
	angular

TOLERANCES UNLESS OTHERWISE SPECIFIED		
linear	0.X	±0.30
	0.XX	±0.20
	0.XXX	±0.1
	0°	±2°

dr	M. Cheong	2016-04-26
eng	M. Cheong	2017-11-22
chr		
appr		

Amphenol
FCi

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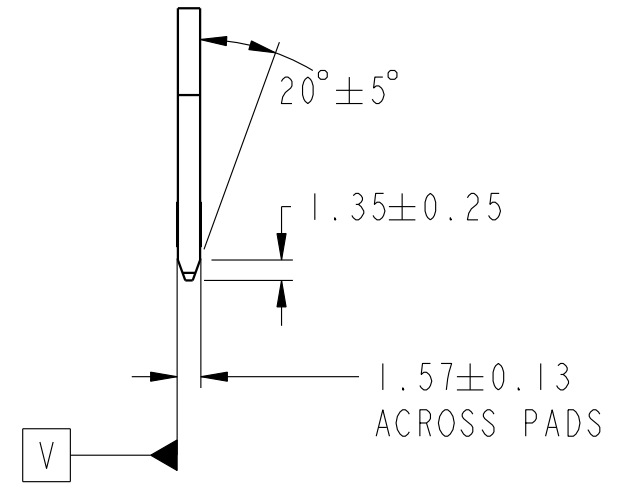
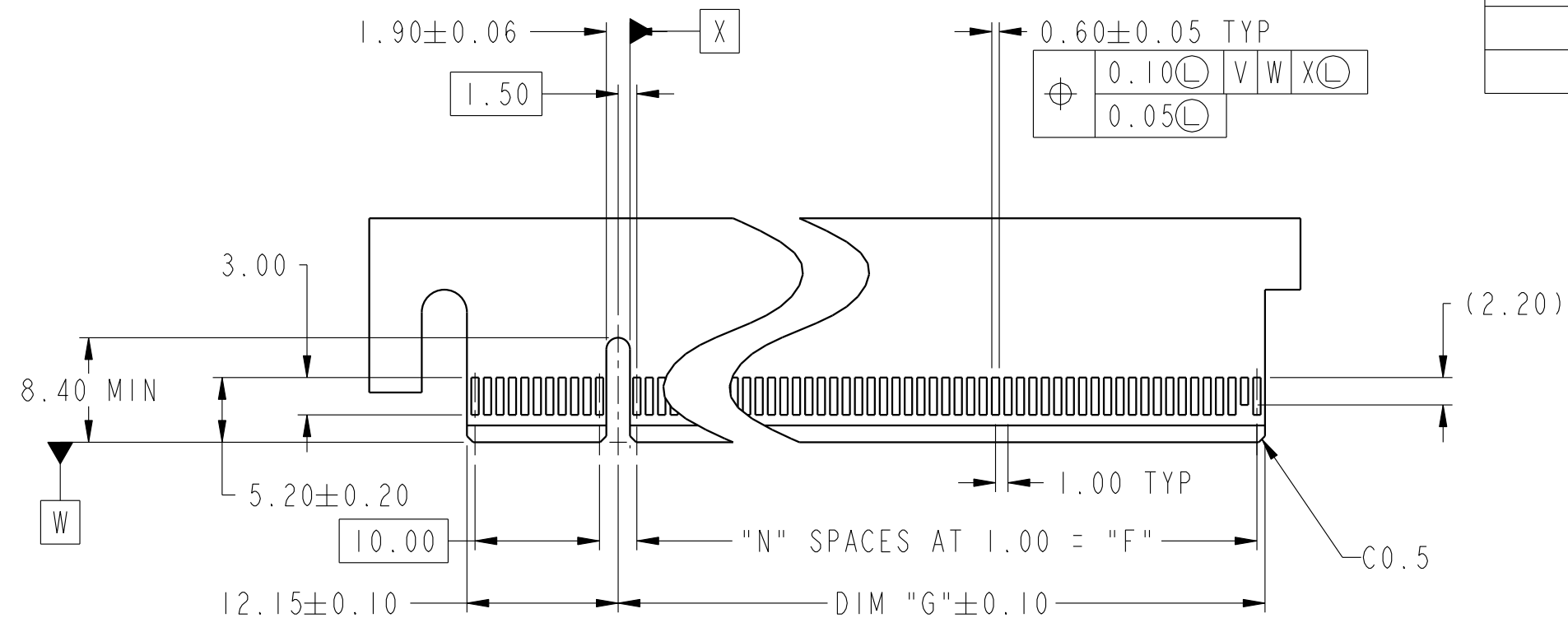
projection	MM
product family	PCI express
PCI Express Gen 5 (32Gb/s)	
SMT Type	
cat. no.	-

size	A3
scale	3:1
ecn no	
rel level	In Work
dwg no	10141523
rev	8

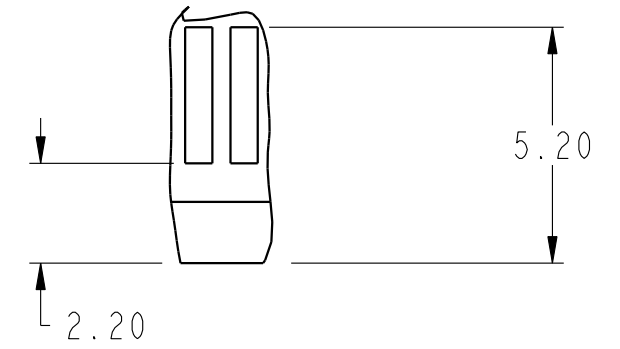
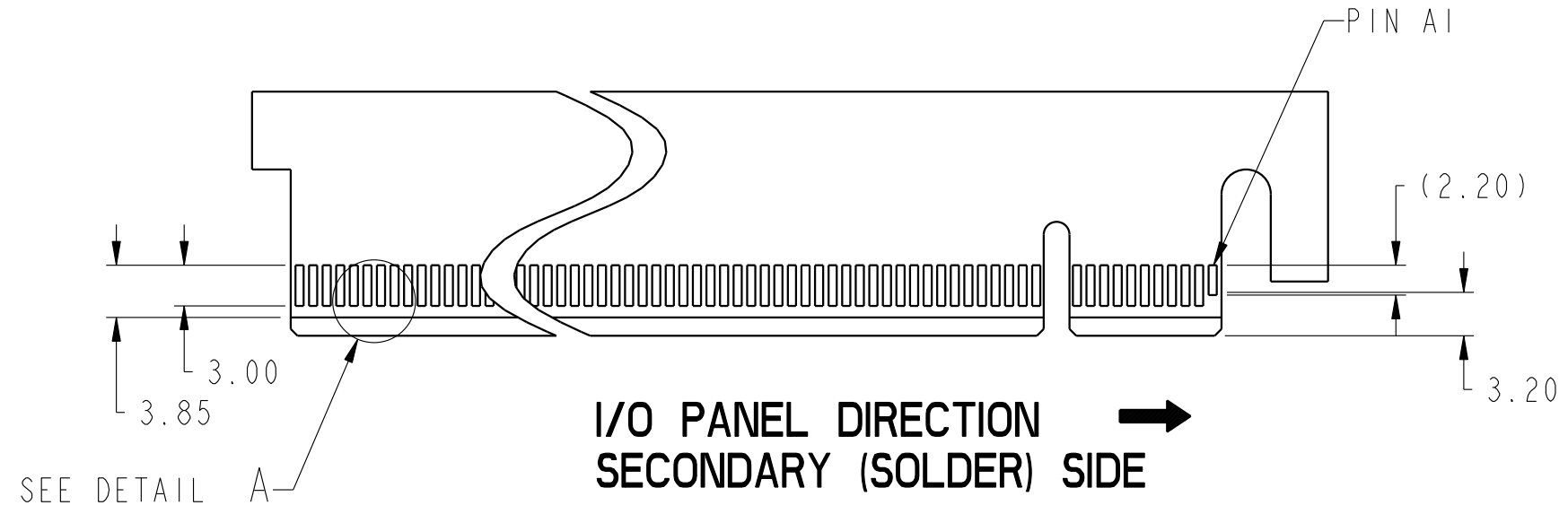
Product - Customer Drw

sheet 1 of 4

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

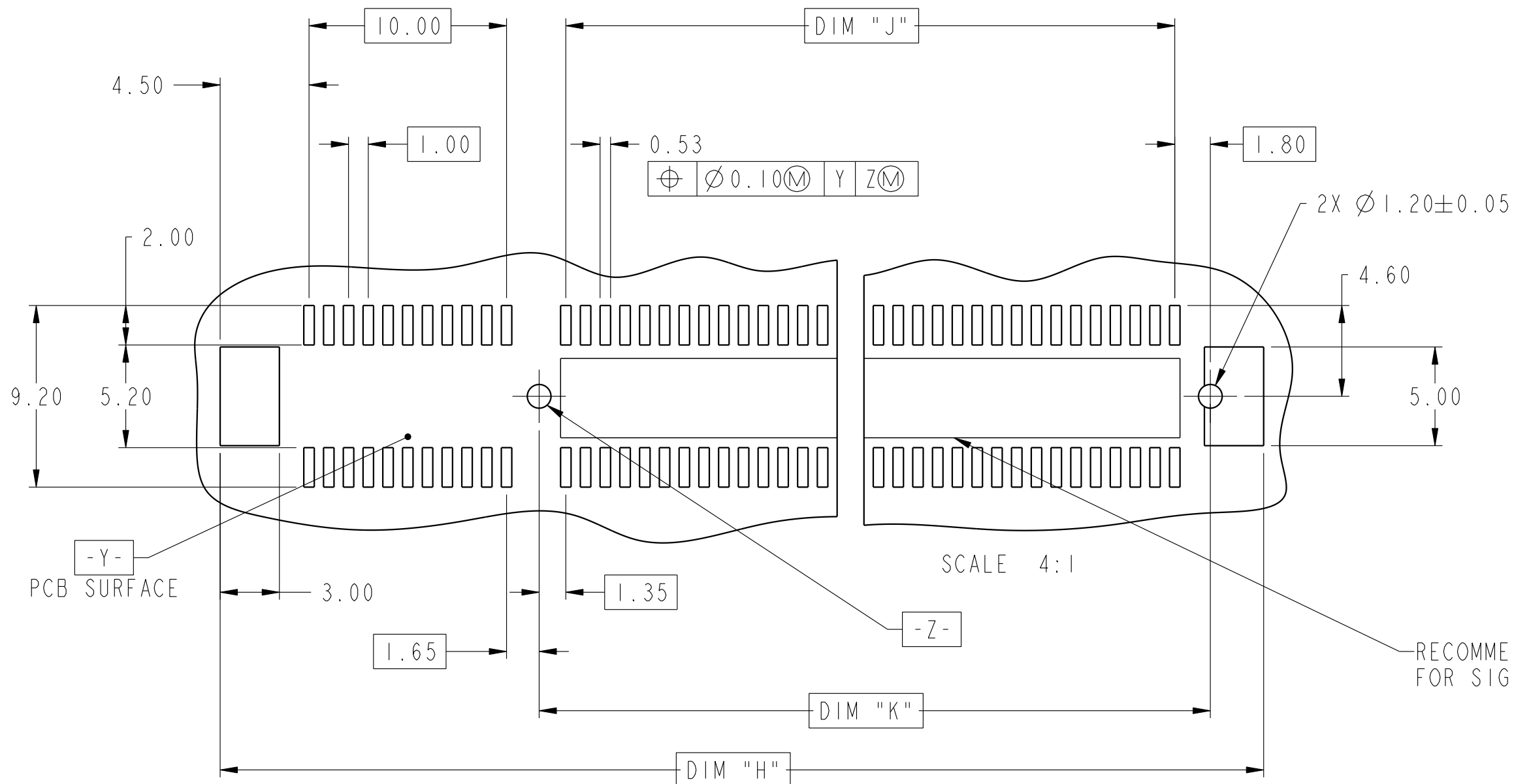


DETAIL A
SCALE 6:1

PRELIMINARY

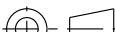
1. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PIN A1 AND PIN "L".
2. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3. TOLERANCE : ± 0.13
4. CONTACT AFCi ENGINEERING FOR SI REPORT

spec ref	-	dr	M. Cheong	2016-04-26	projection	MM	size	A3	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	M. Cheong	2017-11-22	chr		ecn no			
surface	linear	appr			product family	PCI express	rel level	In Work		
ISO 1302	angular				Amphenol FCI	PCI Express Gen 5 (32Gb/s)	dwg no	10141523	rev	8
					www.fci.com	SMT Type				
					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

PRELIMINARY

spec ref -			dr	M. Cheong	2016-04-26	projection 	MM 	size	A3	scale	4:1	
tolerance std			eng	M. Cheong	2017-11-22			ecn no				
ISO 406			chr									
ISO 1101			appr									
						product family		PCI express		rel level		In Work
surface -  ISO 1302	linear	0.X	±0.30	Amphenol FCI	title	PCI Express Gen 5 (32Gb/s)		dwg no	10141523		rev	8
		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

10141523- 0000 0LF

HOUSING COLOR

0: WHITE
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)
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.
METAL PADS: COPPER ALLOY

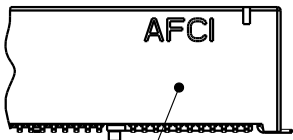
2. PLATING:
CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
SOLDER AREA: 100u" TIN (LEAD FREE).
MATING AREA: SEE PRODUCT NUMBER CODE.
HOLDDOWN CLIP: 100u" TIN OVER 50 u" NICKEL.

3. PRODUCT SPECIFICATION: GS-12-1406

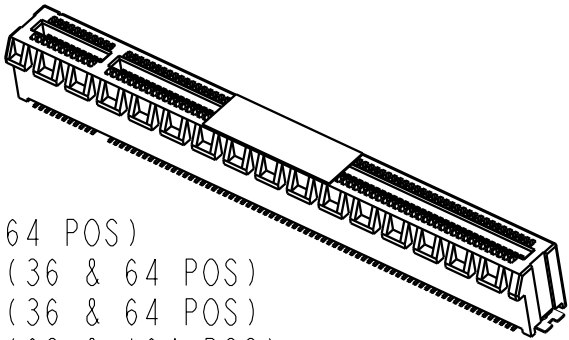
4. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

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

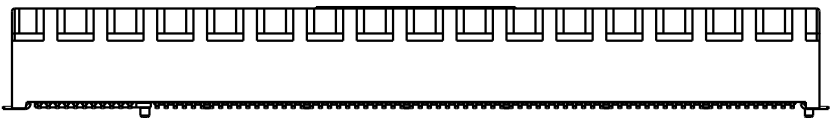
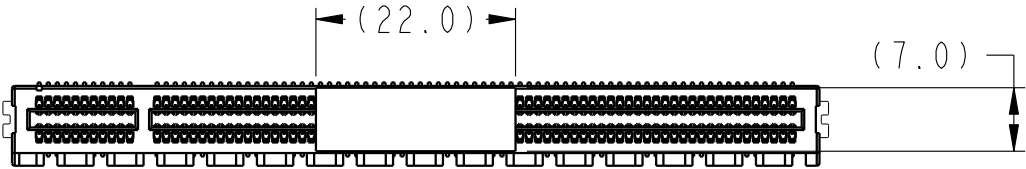
6. THIS HOUSING WILL WITHSTAND EXPOSURE TO 260°
PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION,
INFRA-RED OR VAPOR PHASE REFLOW OVEN.



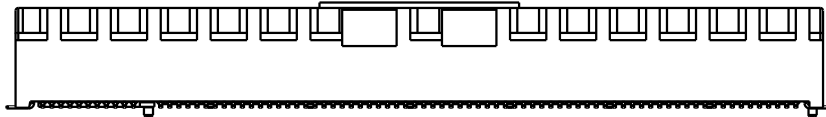
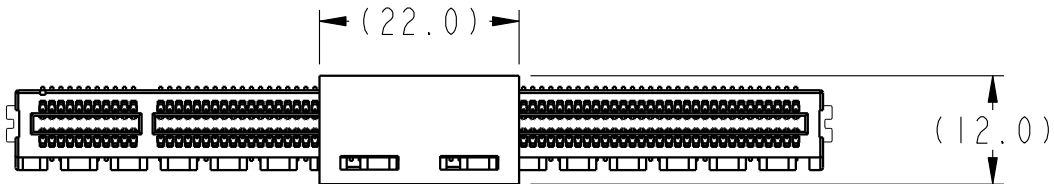
DATA CODE &
PARTNO



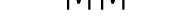
POSITION OF KAPTON TAPE



POSITION OF PICK UP CAP



PRELIMINARY

spec ref -				dr	M. Cheong	2016-04-26	projection 	MM 	size	A3	scale	2:1
tolerance std				eng	M. Cheong	2017-11-22			ecn no			
ISO 406 ISO 1101				chr								
				appr			product family	PCI express	rel level In Work			
surface  ISO 1302	linear	0.X	±0.30	Amphenol FCI	title	PCI Express Gen 5 (32Gb/s) SMT Type			dwg no	10141523		rev 8
		0.XX	±0.20									
		0.XXX	±0.1									
	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw				sheet 4 of 4		