

PRODUCT PARTNUMBER
10146514-XXXXXXLF

PARTNO &
DATECODE

#AI IDENTIFIER

A PIN #1

B PIN #1

DIM "A"

10.00

1.50

1.50

(1.77)

8.80

X

1.78

11.65

(14.50)

DIM "H"

Y

0.15

1.5 MAX

A

(1.00)

1.65

1.35

1.00 TYP

0.35±0.05

1.80

4.40

DIM "D"
SEE TABLE

(Ø2.2)

DIM "C"

A

7.40

(0.80)

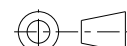
11.00

0.250±0.025
Ø 0.15 Z

1.25 2X

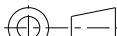
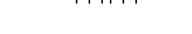
3.25 2X

(Ø2.05)

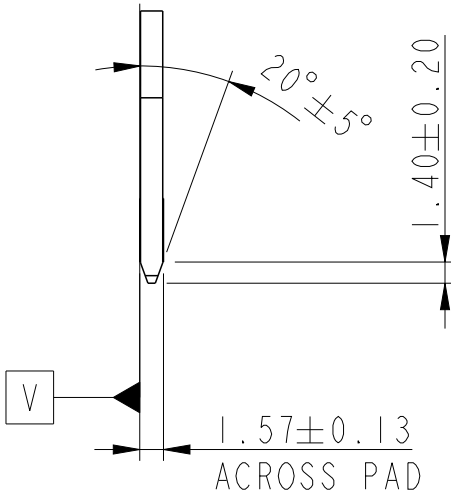
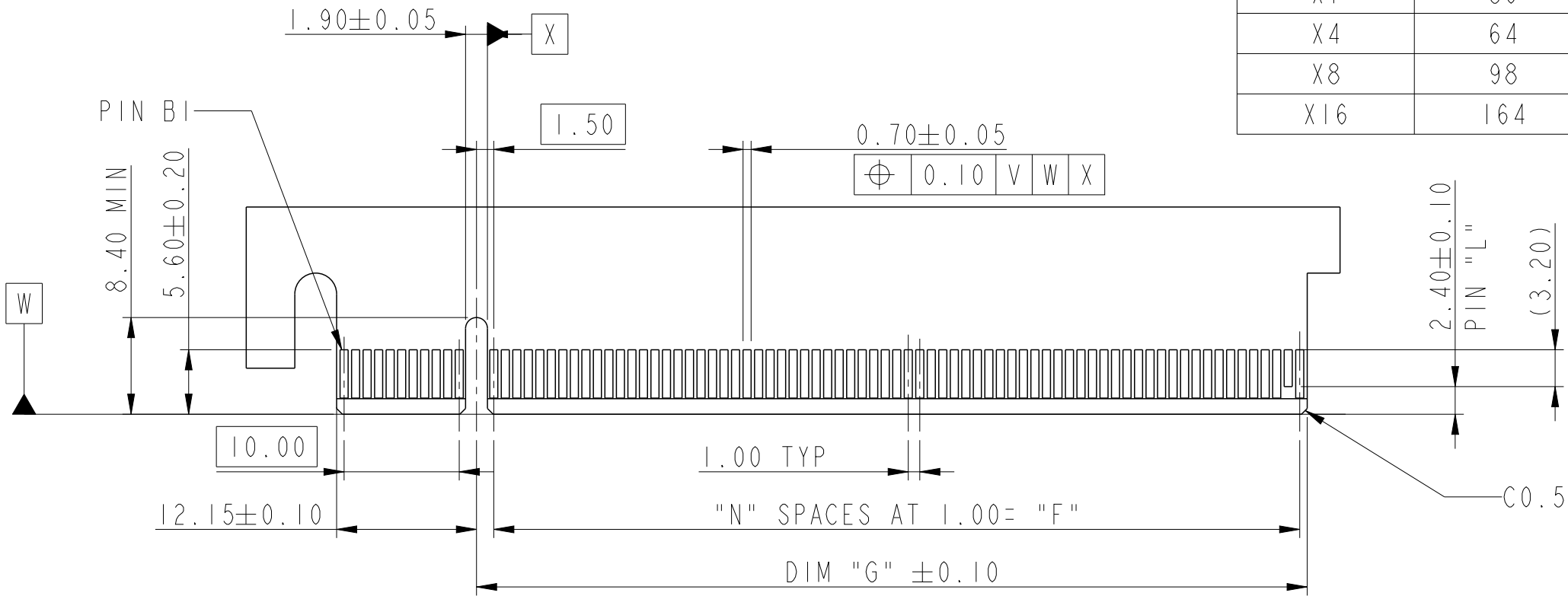
spec ref -				dr	Cheong, Matthe	2018/05/21	projection 	mm 	size	A3	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/08/07			ecn no	-		
				chr	-	-						
				appr	Koon-Poh Tay	2018/08/07			product family		-	rel level
surface	linear	0.X	±0.3	Amphenol FCI	title			PCI EXPRESS 4.0	dwg no	10146514		rev
		0.XX	±0.20									
		0.XXX	±0.1		TH Type Ass'y							
	ISO 1302	angular	0°		±2°	cat. no.				-	Product - Customer Drw	



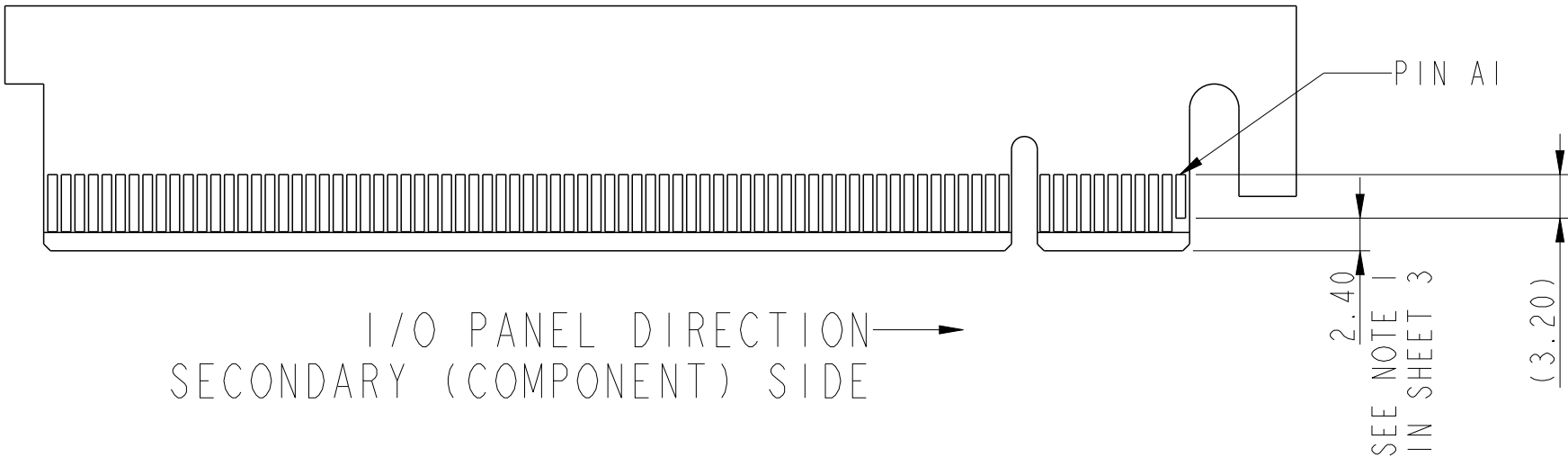
DIMENSIONS				
POSITION	A	C	E	H
36	6.00	9.15	6.00	25.00
64	20.00	23.15	20.00	39.00
98	37.00	40.15	37.00	56.00
164	70.00	73.15	70.00	89.00

spec ref -				dr	Cheng, Matthe	2018/05/21	projection 	mm 	size	A3	scale	1:1
tolerance std				eng	Cheng, Matthe	2018/08/07			ecn no -			
ISO 406 ISO 1101				TOLERANCES UNLESS OTHERWISE SPECIFIED						rel level		
ISO 1302				chr	-	-					Released	
surface				appr	Koon-Poh Tay	2018/08/07	product family -					
ISO 1302 ✓	linear	0.X	±0.3	Amphenol FCI	title PCI EXPRESS 4.0 TH Type Ass'y			dwg no	10146514		rev	A
		0.XX	±0.20									
		0.XXX	±0.1									
	angular	0°	±2°									
							cat. no. -		Product - Customer Drw		sheet 2 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



I/O PANEL DIRECTION
SECONDARY (COMPONENT) SIDE

spec ref		-		dr	Cheong, Matthe	2018/05/21	projection	mm	size	A3	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/08/07			ecn no	-			
				chr	-	-			rel levelReleased				
				appr	Koon-Poh Tay	2018/08/07						product family	
ISO 406													
ISO 1101													
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	PCI EXPRESS 4.0			dwg no	10146514		rev	A
		0.XX	±0.20										
		0.XXX	±0.1										
	angular	0°	±2°			cat. no.		-		Product - Customer Drw			

A

B

C

D

A

B

C

D

PRODUCT NUMBER CODE

10146514-□□□□□LF

HOUSING COLOUR OPTIONS

1: BLACK

PEGS OPTION

0: PLASTICS PEGS

CONTACT PLATING OPTIONS

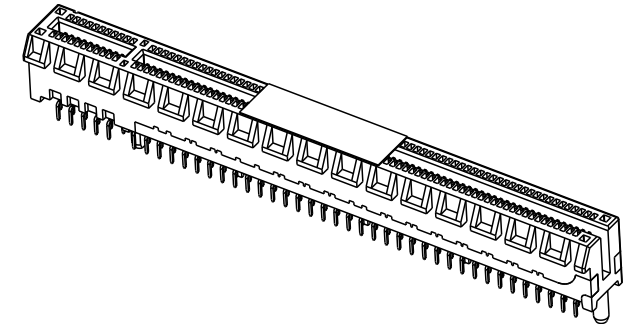
0: 50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN TAIL AREA
1: 50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN TAIL AREA

PACKAGING

M: SOFT TRAY WITH KAPTON TAPE, 22MM

NO. OF POSITION

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



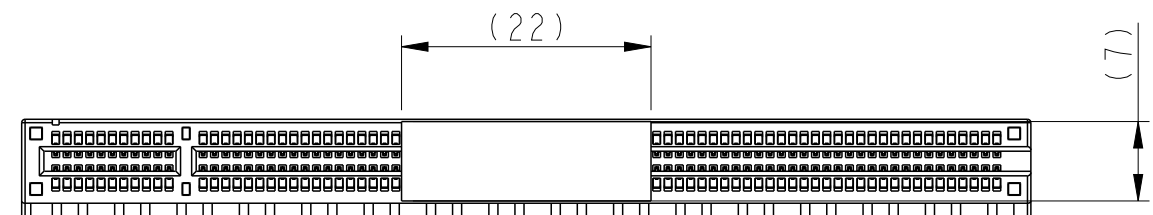
TAIL LENGTH OPTION

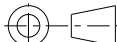
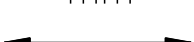
	DIM "D"	PCB THICKNESS
0	2.30	1.56
1	3.10	2.36
2	2.54	1.56
3	1.90	1.56

NOTES:

- MATERIAL:
HOUSING: HIGH PERFORMANCE RESIN, UL94V-0
CONTACT: COPPER ALLOY
- PLATING:
SEE TABLE
- PRODUCT SPECIFICATION: GS-12-1406
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRIES REGULATIONS AS DESCRIBED IN GS-22-008
- DIMENSION APPLIES TO THE TIP OF TERMINAL.
- DATE CODE B PRINTED ON THIS SURFACE.
DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
L IS AFCI PRODUCTION SITE.
- "M" DENOTES MALAYSIA
- THE HOUSING WITH WITHSTAND EXPOSURE TO 260°
PEAK TEMPERATURE FOR 10SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN

POSITION OF KAPTON TAPE



spec ref -				dr	Cheong, Matthe	2018/05/21	projection 	mm 	size	A3	scale	1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cheong, Matthe	2018/08/07			ecn no	-		
				chr	-	-						
				appr	Koon-Poh Tay	2018/08/07	product family			-	rel level	Released
surface ✓ ISO 1302	linear	0.X	±0.3	Amphenol FCi	title PCI EXPRESS 4.0 TH Type Ass'y			dwg no	10146514			rev A
		0.XX	±0.20									
		0.XXX	±0.1									
	angular		0°	±2°			cat. no.	-	Product - Customer Drw			sheet 4 of 4