

PRODUCT PARTNUMBER
10152821-1XXXXXXLF

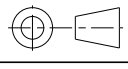
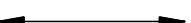

DIM "A"

DIM "B"

DIM "H"

DIM "C"

(DIM "K")
(MAX. LATCH OPEN)

spec ref	-	dr	Dipu Joseph	2019/04/30	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2020/07/01			ecn no	ELX-S-37504-1	rel level	Released
surface	linear	chr	-	apppr			Koon-Poh Tay	2020/08/14	product family	-
							cat. no.	-	Product - Customer Drw	sheet 1 of 4

Amphenol FCI

PCI EXPRESS 4.0
TH Type Ass'y

dwg no
10152821

rev
B

Product - Customer Drw

sheet 1 of 4

Amphenol FCI

© 2016 AFCI

PARTNO & DATECODE
#AI IDENTIFIER
A PIN #1
B PIN #1
1.78±0.05
11.65
(14.50)

1.78±0.05

10.00

1.50

1.50

11.65

(14.50)

0.15

1.5 MAX

(1.00)

1.65

1.00 TYP

0.35±0.05

1.35

1.80

(Ø2.20)

(Ø2.05)

(5.38)

(1.77)

8.80

(13.50)

(3.55)

(0.80)

7.40

11.25 MAX

0.250±0.025
Ø 0.15 Z

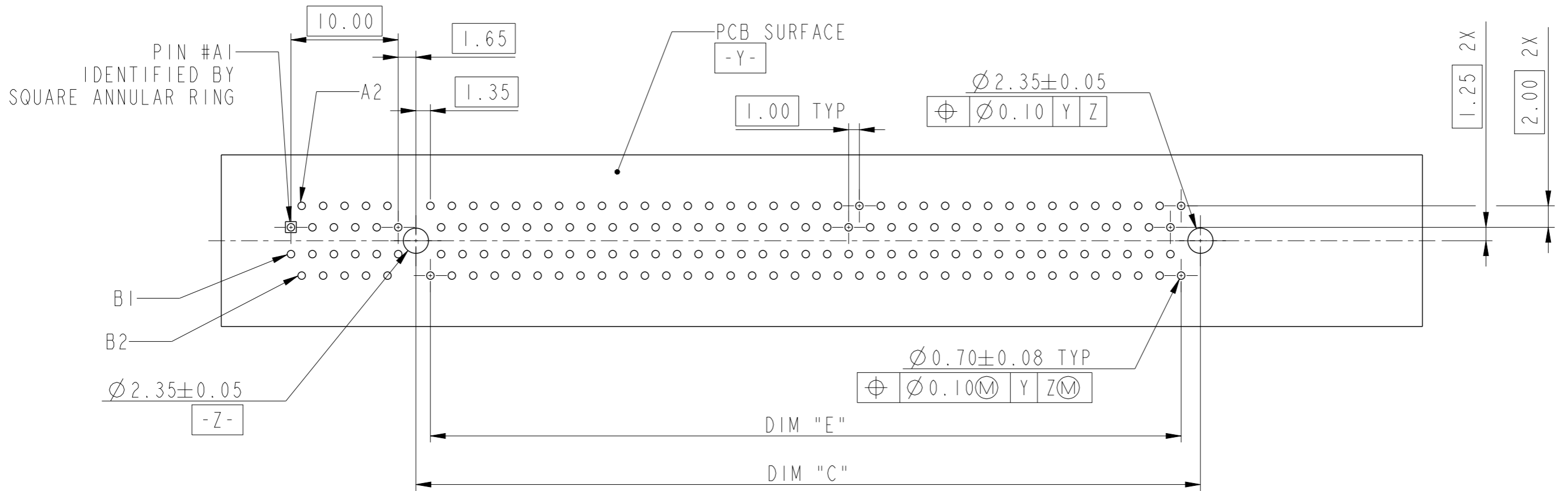
1.25 2X

3.25 2X

DIM "D"
SEE TABLE

4.40

(15.10)

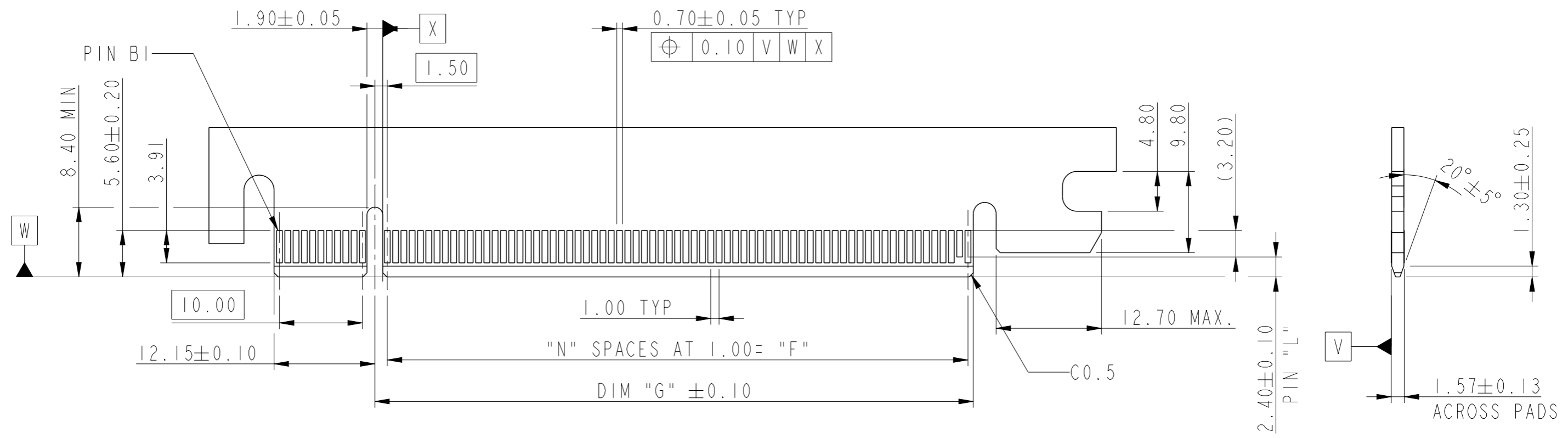


← I/O PANEL DIRECTION
RECOMMENDED PCB LAYOUT

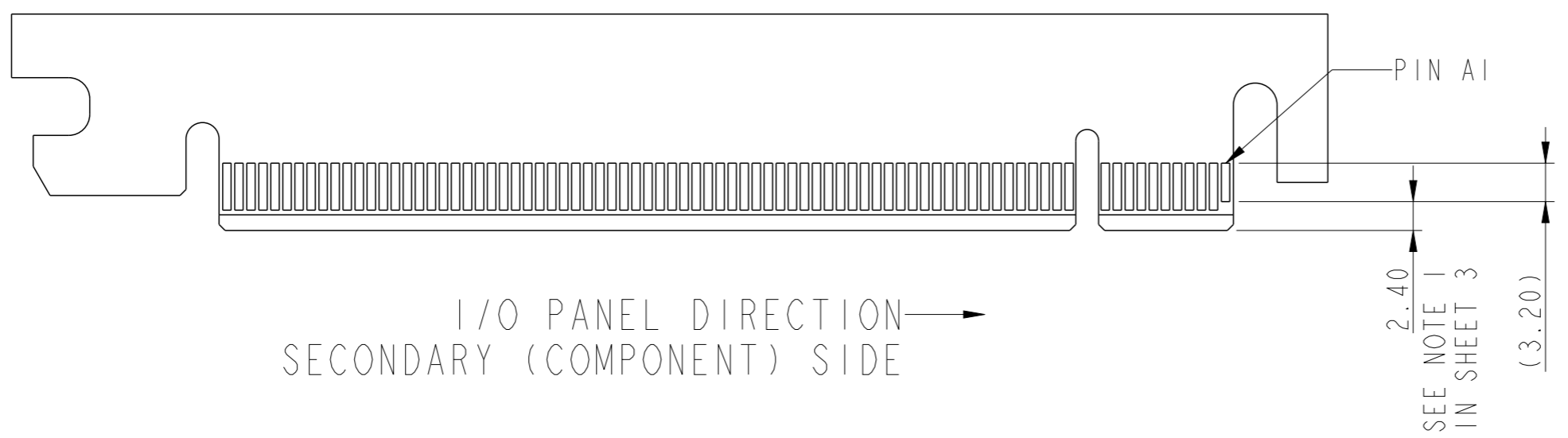
DIMENSIONS						
POSITION	A	B	C	E	H	K
164	70.00	71.65	73.15	70.00	104.7	118.1

spec ref	-	dr	Dipu Joseph	2019/04/30	projection	mm	size	A3	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Cheong, Mathe	2020/07/01			ecn no	ELX-S-37504-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released		
surface	ISO 1302	appr	Koon-Poh Tay	2020/08/14	product family		-	rel level	Released	
	linear	0.X	±0.3	Amphenol FCi	PCI EXPRESS 4.0			dwg no 10152821	rev	
		0.XX	±0.20		TH Type Ass'y				B	
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 2 of 4		

CONNECTOR LINK WIDTH	POSITION	N	DIM "G"	DIM "F"	PIN "L"
X16	164	70	72.15	70.00	B81



← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →
SECONDARY (COMPONENT) SIDE

Amphenol
FCi

© 2016 AFCI

spec ref	-	dr	Dipu Joseph	2019/04/30	projection	mm	size	A3	scale	1:1	
tolerance std	ISO 406 ISO 1101	eng	Cheong, Mathe	2020/07/01			ecn no	ELX-S-37504-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			rel level	Released			
surface	linear	appr	Koon-Poh Tay	2020/08/14	product family	-	dwg no	10152821		rev	B
ISO 1302	angular	Amphenol FCI		title PCI EXPRESS 4.0 TH Type Ass'y	cat. no.	-	Product - Customer Drw	sheet 3 of 4			

PRODUCT NUMBER CODE

10152821-□□□□□□0LF

HOUSING OPTIONS

1: BLACK

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

NO. OF POSITION

3: 164 POS

TAIL LENGTH OPTION

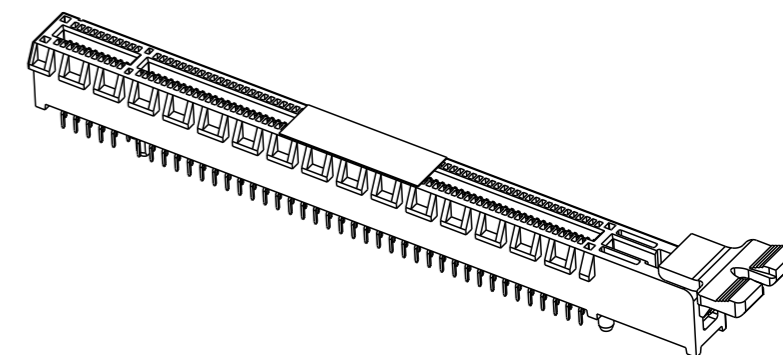
	DIM "D"	PCB TICKNESS
0	2.30	1.56
1	3.10	2.36
2	2.54	1.56
3	1.90	1.56

PICK UP CAP OPTION

0: NIL
 1: 22MM
 2: 30MM

PACKAGING

Q: HARD TRAY (DIM 323 x 136)

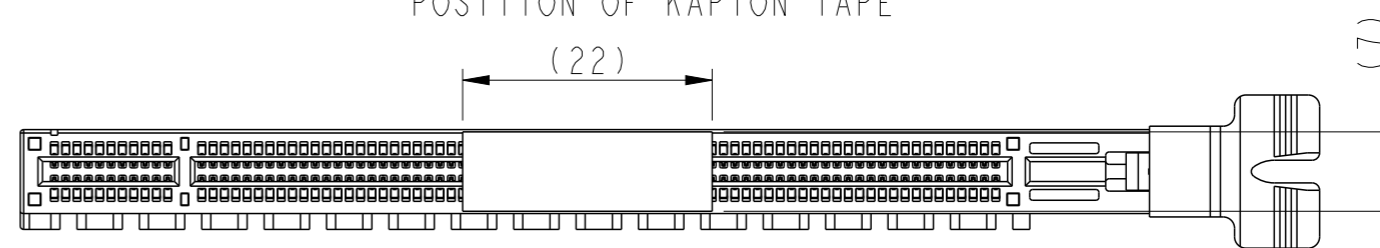


NOTES:

- 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 10 SECONDS IN A
 CONVECTION, INFRA-RED OR VAPOR PHASE
 REFLOW OVEN
- THERE IS GROUND BUSSING WITHIN THE CONNETOR SYSTEM.
 FOR DIFFERENTIAL PAIR'S GROUND LOCATION, PLEASE
 REFER TO THE CONNECTOR PINOUT TABLE FROM
 CHAPTER 6 OF PCI EXPRESS CARD
 ELECTROMECHANICAL SPECIFICATION.



POSITION OF KAPTON TAPE



spec ref	-	dr	Dipu Joseph	2019/04/30	projection	mm	size	A3	scale	1:1	
tolerance std	ISO 406 ISO 1101	eng	Cheong, Matthe	2020/07/01			ecn no	ELX-S-37504-1	rel level		Released
surface	linear	chr	-	-			product family	-	rel level	Released	rev
	angular	appr	Koon-Poh Tay	2020/08/14	PCI EXPRESS 4.0 TH Type Ass'y		dwg no	10152821	cat. no. - Product - Customer Drw		sheet 4 of 4
	0.X ±0.3 0.XX ±0.20 0.XXX ±0.1 0° ±2°	Amphenol FCI									

Amphenol FCI

© 2016 AFCI