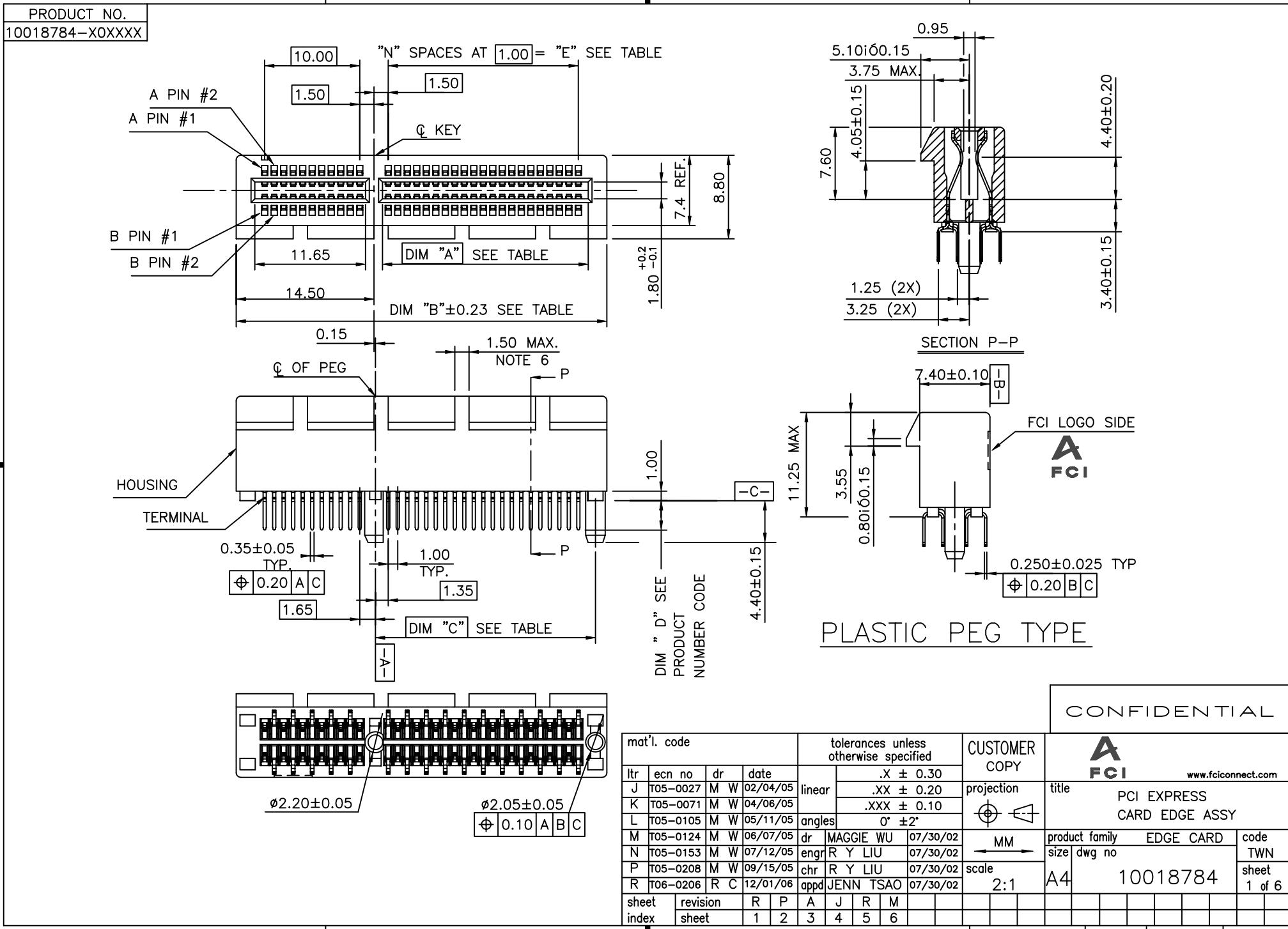
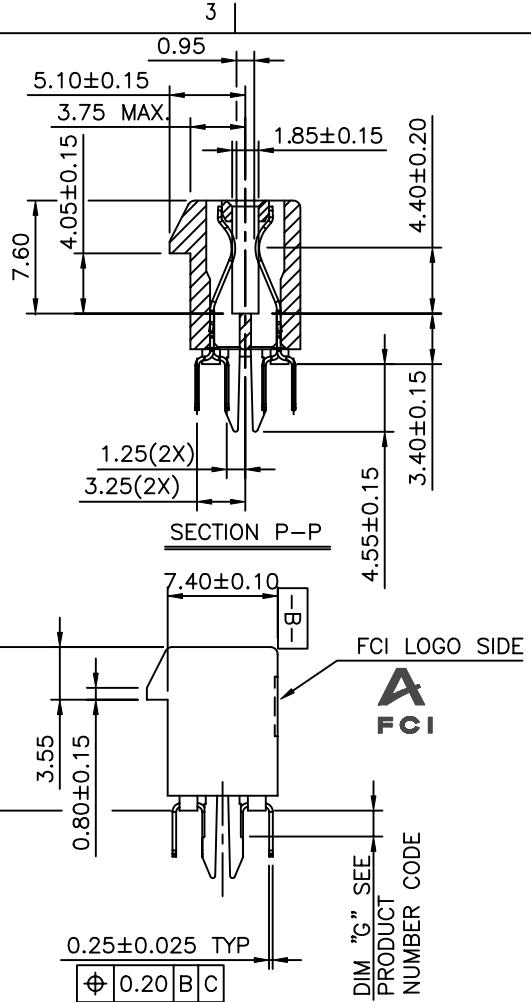
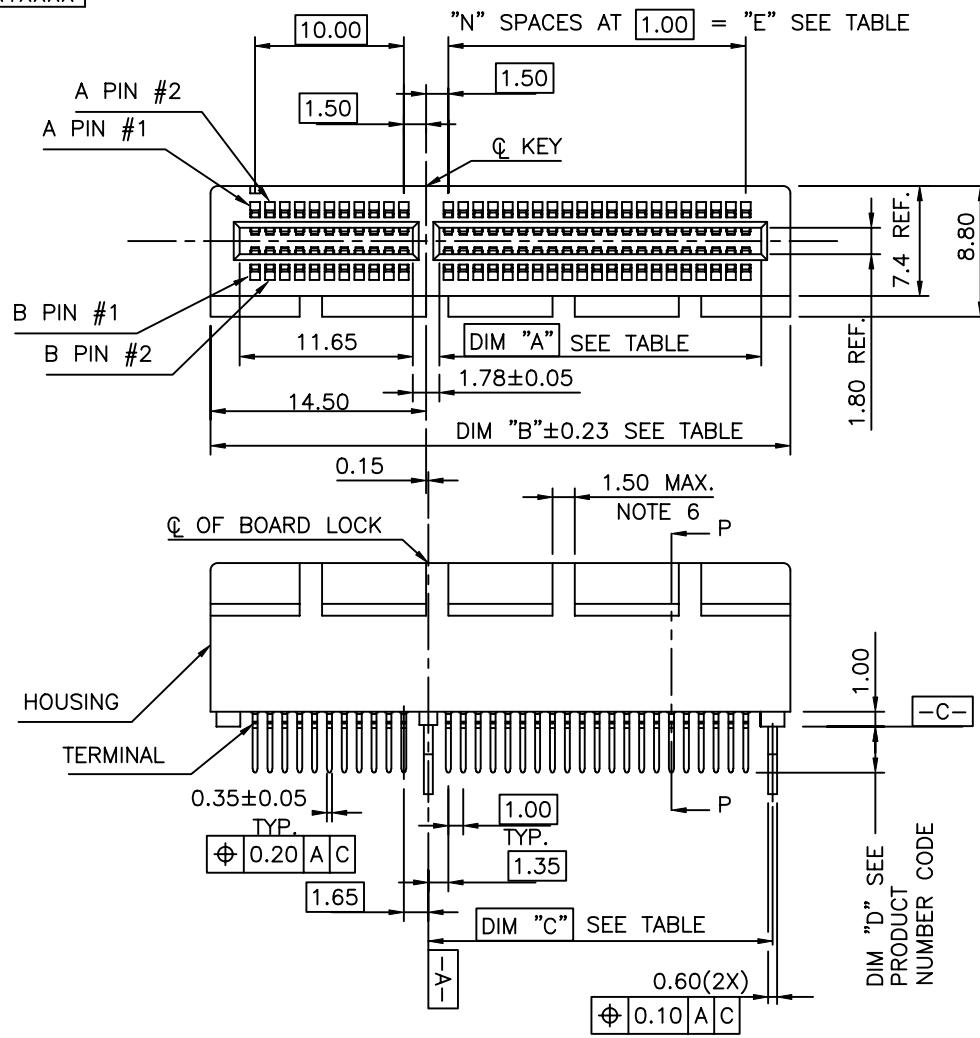


FCI



PRODUCT NO.
10018784-X1XXXX



METAL BOARD LOCKS TYPE

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PCI EXPRESS
CARD EDGE ASSY

mat'l. code

ltr	ecn no	dr	date	linear	.X ± 0.30
P					.XX ± 0.20
					.XXX ± 0.10
				angles	0° ±2°
				dr	MAGGIE WU 07/30/02
				engr	R Y LIU 07/30/02
				chr	R Y LIU 07/30/02
				appd	JENN TSAO 07/30/02

tolerances unless otherwise specified

CUSTOMER
COPY

projection

MM

scale

2:1

product family	EDGE CARD	code
		TWN
A4	10018784	sheet 2 of

sheet
index

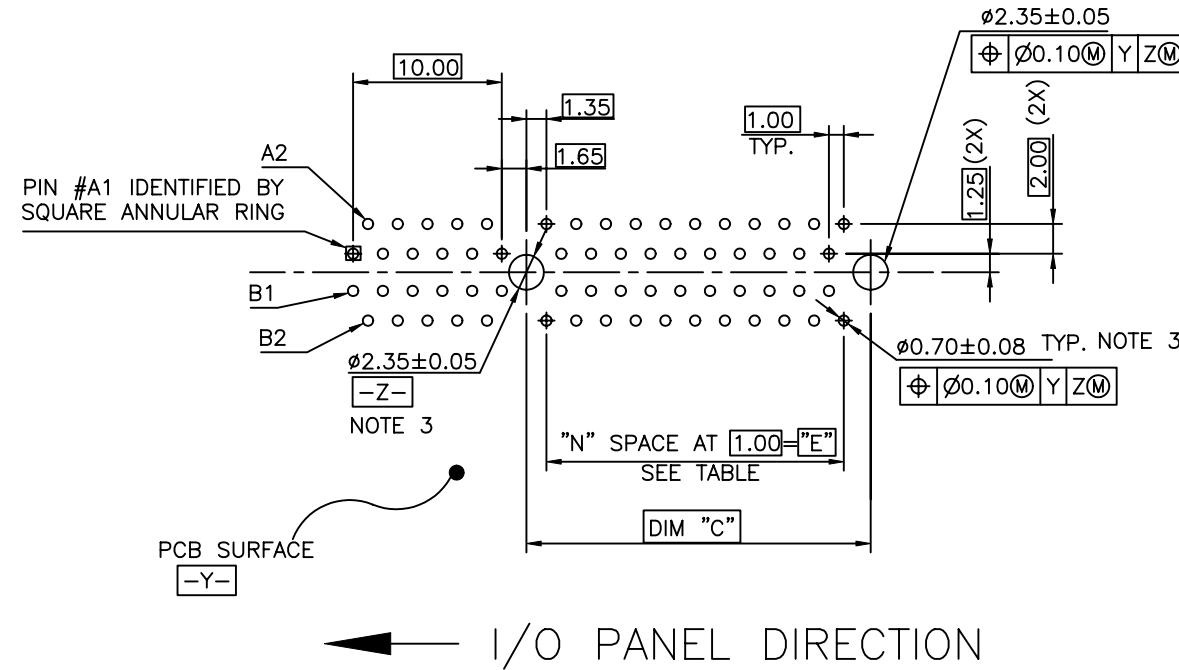
revision
sheet

1 | 2

ACAD

PDM: Rev:R

3 | 4
STATUS: Released 22526 Printed: Aug 02, 2008



RECOMMENDED FOOTPRINT

CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	title	product family	code
ltr	ecn no	dr	date	linear	.X ± .XX ± .XXX ±				
A				angles	0° ±2°	projection		EDGE CARD	
				dr	MAGGIE WU 07/30/02	MM			TWN
				engr	R Y LIU 07/30/02				
				chr	R Y LIU 07/30/02	scale			
				appd	JENN TSAO 07/30/02	2:1	A4	10018784	sheet 3 of
sheet index	revision sheet								

1 | 2

3

4

FCI

A**A**

I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

#	POS REF.	N	DIM "G"	"F"
36		6	8.15	B17
64		20	22.15	B31
98		37	39.15	B48
164		70	72.15	B81

PIN "F" SEE TABLE 2.40±0.10

NOTE 4

REF.

PIN "F" 2.40
SEE TABLE

3.20
C0.5

1.00
"N" SPACES AT 1.00 "E"

1.00
DIM "G"±0.10

10.00
12.15±0.10

-X-
1.90±0.05

1.50

W
8.40 MIN.

5.60
PIN B1

0.70±0.05
TYP.

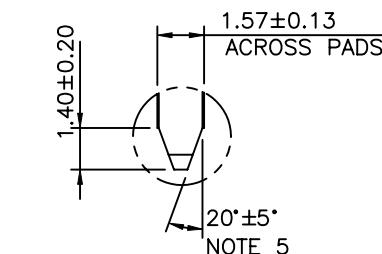
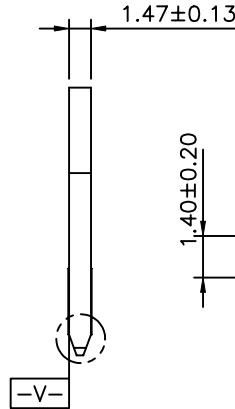
Φ 0.10 L V W X L

B**B**

ACAD

PDM: Rev:R

STATUS: Released 22526 Printed: Aug 02, 2008



SCALE 2:1

ADD-IN CARD EDGE-FINGER DIMENSIONS

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	CONFIDENTIAL	
ltr	ecn no	dr	date	linear	.X ± .XX ± .XXX ±		title	A FCI www.fciconnect.com
J				angles	0° ±2°	projection	PCI EXPRESS	CARD EDGE ASS'Y
				dr	MAGGIE WU 07/30/02	MM	EDGE CARD	code
				engr	R Y LIU 07/30/02	←	product family	TWN
				chr	R Y LIU 07/30/02	scale	size	dwg no
				appd	JENN TSAO 07/30/02	2:1	A4	10018784
							sheet	4 of
sheet index	revision sheet							

NOTES:

1.MATERIAL:

HOUSING: NYLON, GLASS FILLED UL94V-0 RATE, SUITABLE FOR WAVE SOLDERING.

TERMINAL: COPPER ALLOY

PLATING: 50 μ " NICKEL UNDERPLATE ALL OVER
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
SOLDER TAIL: TIN/LEAD (90/10) - SEE PRODUCT
NUMBER CODE 100 μ " MIN. OVER 50 μ " NICKEL

METAL BOARD LOCKS: COPPER ALLOY

FINISH: 100 μ " TIN/LEAD (90/10) OVER 50 μ " NICKEL
UNDERPLATE SEE PRODUCT NUMBER CODE

2.PRODUCT SPECIFICATION: GS-12-233

③THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY
A LINE THROUGH THE CENTER OF THE TWO Ø2.35 HOLES.
THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER
OF DATUM Z.

④NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR
PINS A1 AND PIN NUMBERS "F".

⑤CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

⑥FREQUENCY & LOCATION AT SUPPLIER DISCRETION. RIDGE MAY BE
CONTINUOUS WITH NO BREAKS.

7.RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um
MINIMUM NICKEL UNDERPLATE.

b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 240°C±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.(For 10018784-X 0 X X X X(X X) options)

PRODUCT NUMBER CODE

10018784-X X X X X X □□

HOUSING COLOR OPTIONS

0-WHITE
1-BLACK

PEGS OPTIONS

0-PLASTIC PEGS
1-METAL BOARD LOCKS

TERMINAL PLATING OPTIONS

0-50 μ " Ni UNDERPLATE
30 μ " Au CONTACT AREA
100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS

1-50 μ " Ni UNDERPLATE
15 μ " Au CONTACT AREA
100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS

2-50 μ " Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100 μ " TIN TAIL AREA ----- COMPATIBLE RoHS

3-50 μ " Ni UNDERPLATE
30 μ " Au CONTACT AREA
100 μ " TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS

4-50 μ " Ni UNDERPLATE
15 μ " Au CONTACT AREA
100 μ " TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS

5-50 μ " Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100 μ " TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS

LEAD FREE OPTION

LEAVE BLANK FOR TERMINAL PLATING 3,4,5
"LF" FOR TERMINAL PLATING OPTION 0,1,2

POS OPTIONS

0-36
1-64
2-98
3-164

TAIL LENGTH OPTIONS

	DIM "D"	PCB THICKNESS	BOARD LOCKS DIM"G"
0	2.30 ^{+0.25} _{-0.13}	1.56±0.10	1.70±0.15
1	3.10 ^{+0.25} _{-0.13}	2.36±0.10	2.50±0.15

CONNECTOR	# POS REF.	N	DIM "A"	DIM "B"	DIM "C"	"E"
1 PORT	36	6	7.65	25.00	9.15	6.00
4 PORT	64	20	21.65	39.00	23.15	20.00
8 PORT	98	37	38.65	56.00	40.15	37.00
16 PORT	164	70	71.65	89.00	73.15	70.00

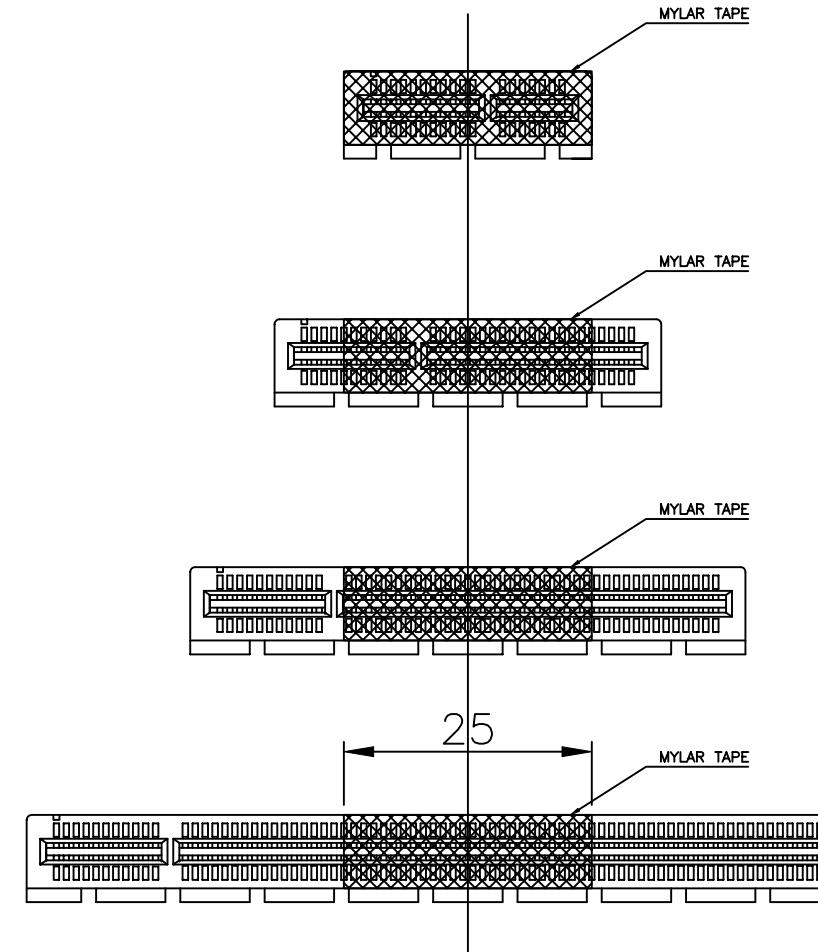
CONFIDENTIAL

A
FCI
www.fciconnect.com
PCI EXPRESS
CARD EDGE ASS'Y
product family EDGE CARD code
size dwg no TWN
sheet A4 10018784 sheet
5 of

mat'l. code	tolerances unless otherwise specified			CUSTOMER COPY	projection	title
ltr	ecn no	dr	date			
R				linear	.X ± .XX ± .XXX ±	
				angles	0° ± 2°	
				dr	MAGGIE WU 07/30/02	MM
				engr	R Y LIU 07/30/02	← →
				chr	R Y LIU 07/30/02	scale
				appd	JENN TSAO 07/30/02	1:1
sheet index	revision sheet					

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FIGURE

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mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	 FCI	www.fciconnect.com		
ltr	ecn no	dr	date		.X ± 0.25						
M				linear	.XX ± 0.13	projection	title PCI EXPRESS CARD EDGE ASS'Y				
					.XXX ± 0.05						
				angles	0° ± 2°						
		dr	MAGGIE WU	06/07/05	MM		product family	EDGE CARD	code		
		engr	R Y LIU	06/07/05			size	dwg no	TWN		
		chr	R Y LIU	06/07/05	scale						
		appd	JENN TSAO	06/07/05	1.5:1	A4	10018784				
sheet index	revision sheet										