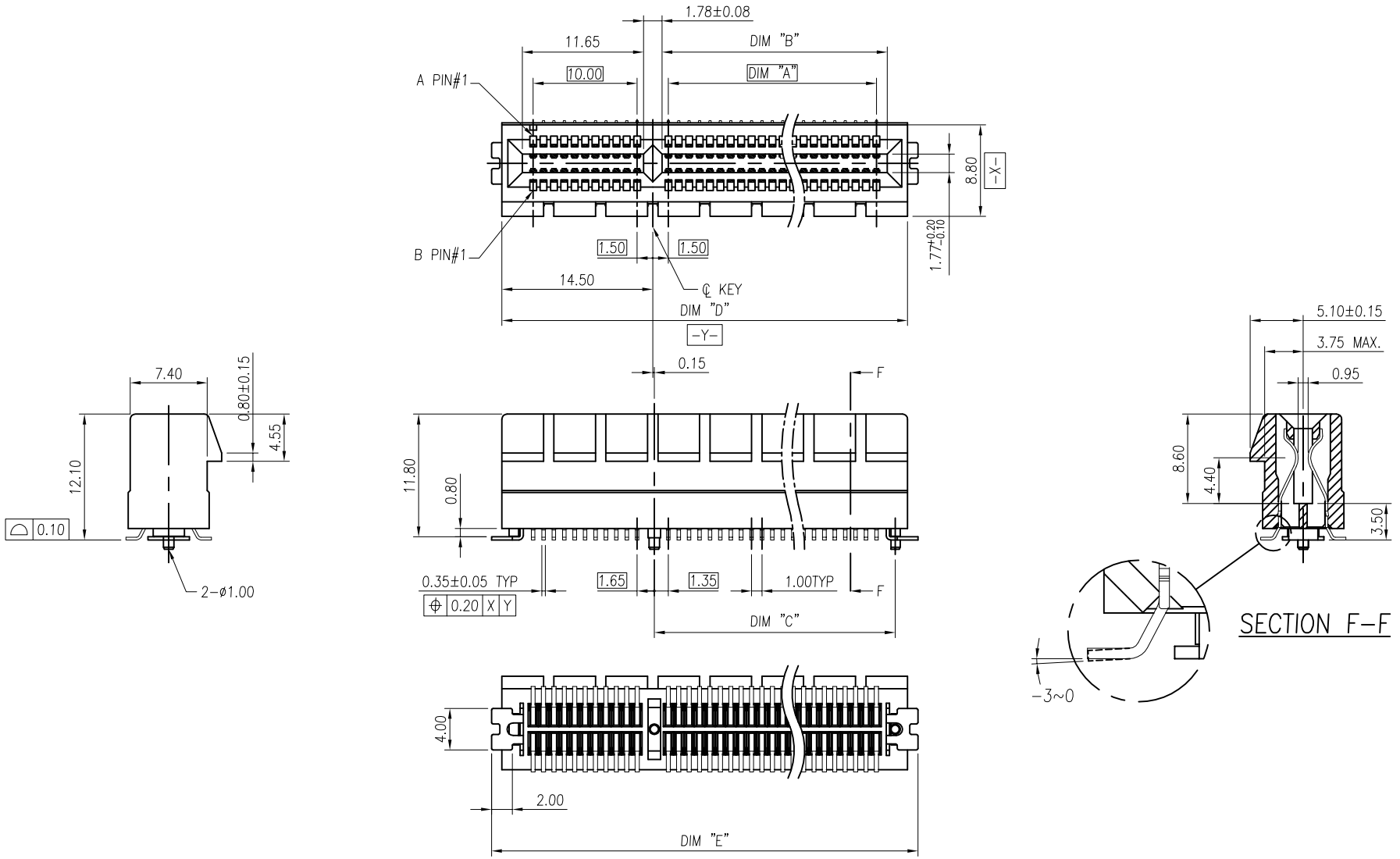
Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire.
Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

PDS: Rev :C STATUS:Released Printed: Apr 18, 2014



DIMENSIONS					
POSITION	A ±0.10	B $^{\pm0.15}_{-0.05}$	C ±0.20	D ±0.23	E ±0.20
36	6	7.65	9.15	25.00	27.00
64	20	21.65	23.15	39.00	41.00
98	37	38.65	40.15	56.00	58.00
164	70	71.65	73.15	89.00	91.00

mat'l. code			
ltr	ecn no	dr	date
A	T07-1031	S.Lin	03/28/07
B	T07-1151	J.H	11/05/07
C	---	ST	04/10/14

sheet index	revision sheet	B1 1	B1 2	B 3	B 4

tolerances unless otherwise specified		
linear	.X ± 0.30	
	.XX ± 0.20	
	.XXX ± 0.10	
angles	0° ±2°	
dr	Sterling Lin	03/27/07
engr	Sterling Lin	03/27/07
chr	STERLING LIN	03/28/07
appd	MINERVA WANG	03/28/07

CUSTOMER COPY

projection

MM

scale NA

www.fciconnect.com

title: PCI EXPRESS SMT TYPE for SIOM

product family: EDGE CARD | code: TWN

size: A4 | dwg no: 10073228 | sheet: 1 of 4

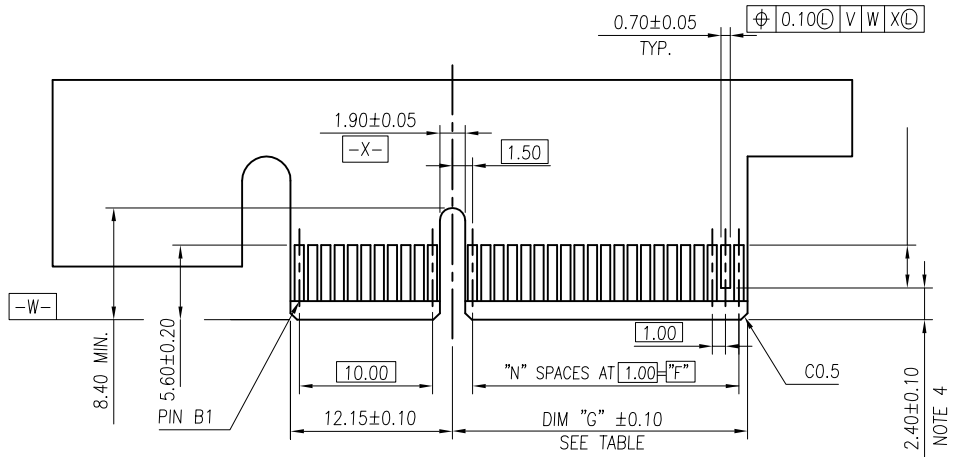
cage code

ACAD

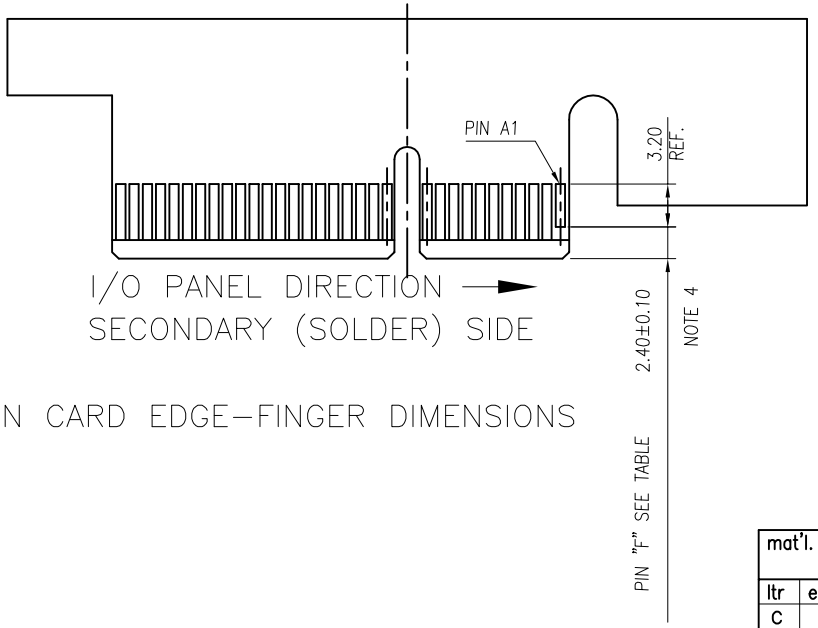
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire. Propriete de c FCI. Droits de reproduction FCI.

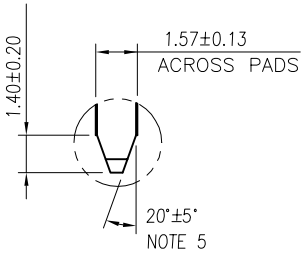
PDS: Rev :C STATUS:Released Printed: Apr 18, 2014



I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



ADD-IN CARD EDGE-FINGER DIMENSIONS



SCALE 2:1

# POS REF.	N	DIM "G"	DIM "F"	"F"
36	6	8.15	6.00	B17
64	20	22.15	20.00	B31
98	37	39.15	37.00	B48
164	70	72.15	70.00	B81

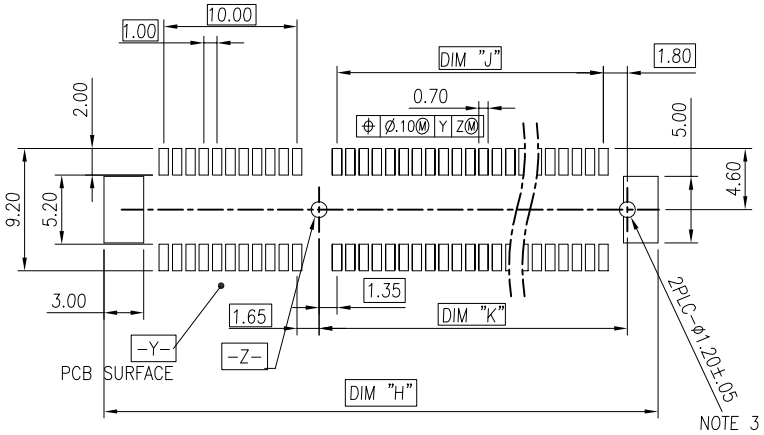
mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ± 0.30		projection	title: PCI EXPRESS SMT TYPE for SIOM
C					.XX ± 0.20			
					.XXX ± 0.10			
				angles	0° ±2°			
				dr	Sterling Lin	03/27/07	MM	product family: EDGE CARD; code: TWN
				engr	Sterling Lin	03/27/07		size: A4; dwg no: 10073228; sheet: 2 of 4
				chr	STERLING LIN	03/28/07	scale: NA	
				appd	MINERVA WANG	03/28/07		
sheet index	revision sheet							cage code

ACAD

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PDS: Rev :C STATUS:Released Printed: Apr 16, 2014



RECOMMENDED PCB LAYOUT, PAD TYPE

DIMENSIONS								
POSITION	A	B $^{+0.15}_{-0.05}$	C ±0.20	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

POSTION OF CAP

mat'l. code			
ltr	ecn no	dr	date
C			

tolerances unless otherwise specified		
linear	.X ± 0.30	
	.XX ± 0.20	
	.XXX ± 0.10	
angles	0° ±2°	
dr	Sterling Lin	03/27/07
engr	Sterling Lin	03/27/07
chr	STERLING LIN	03/28/07
appd	MINERVA WANG	03/28/07

sheet index	revision sheet

CUSTOMER COPY

projection

MM

scale NA

www.fciconnect.com

title: PCI EXPRESS SMT TYPE for SIOM

product family: EDGE CARD | code: TWN

size: A4 | dwg no: 10073228 | sheet: 3 of 4

cage code

ACAD

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire. Propriete de c FCI. Droits de reproduction FCI.

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Printed: Apr 16, 2014
STATUS:Released
PDS: Rev :C

NOTES:

1.MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
SOLDER TAIL: TIN - SEE PRODUCT NO. CODE
100u" MIN. OVER 50u" NICKEL

METAL BOARD LOCKS: COPPER ALLOY

FINISH: 100u" TIN OVER 50u" NICKEL UNDERPLATE
SEE PRODUCT NUMBER CODE

2.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 REFLOW SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

PRODUCT NUMBER CODE

10073228 -X 0 X 0 X T □□

HOUSING COLOR OPTIONS
1-BLACK

RESERVE

TERMINAL PLATING OPTIONS
0-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
1-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
2-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS

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

RESERVE

PACKAGING OPTIONS
T: TRAY PACKAGING WITHOUT CAP OR MYLAR
M: T&R PACKAGING WITH MYLAR (36P, 64P AND 98P ONLY) C

"LF" FOR TERMINAL PLATING OPTION 0,1,2

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.30		projection	title	
C					.XX ± 0.20			PCI EXPRESS SMT TYPE for SIOM	
					.XXX ± 0.10				
				angles	0° ±2°				
				dr	Sterling Lin	03/27/07	MM	product family EDGE CARD	code TWN
				engr	Sterling Lin	03/27/07		size dwg no	
				chr	STERLING LIN	03/28/07	scale	A4 10073228	sheet 4 of 4
				appd	MINERVA WANG	03/28/07	NA		
sheet index	revision sheet							cage code	

ACAD