



Copyright FCI.

A

B

C

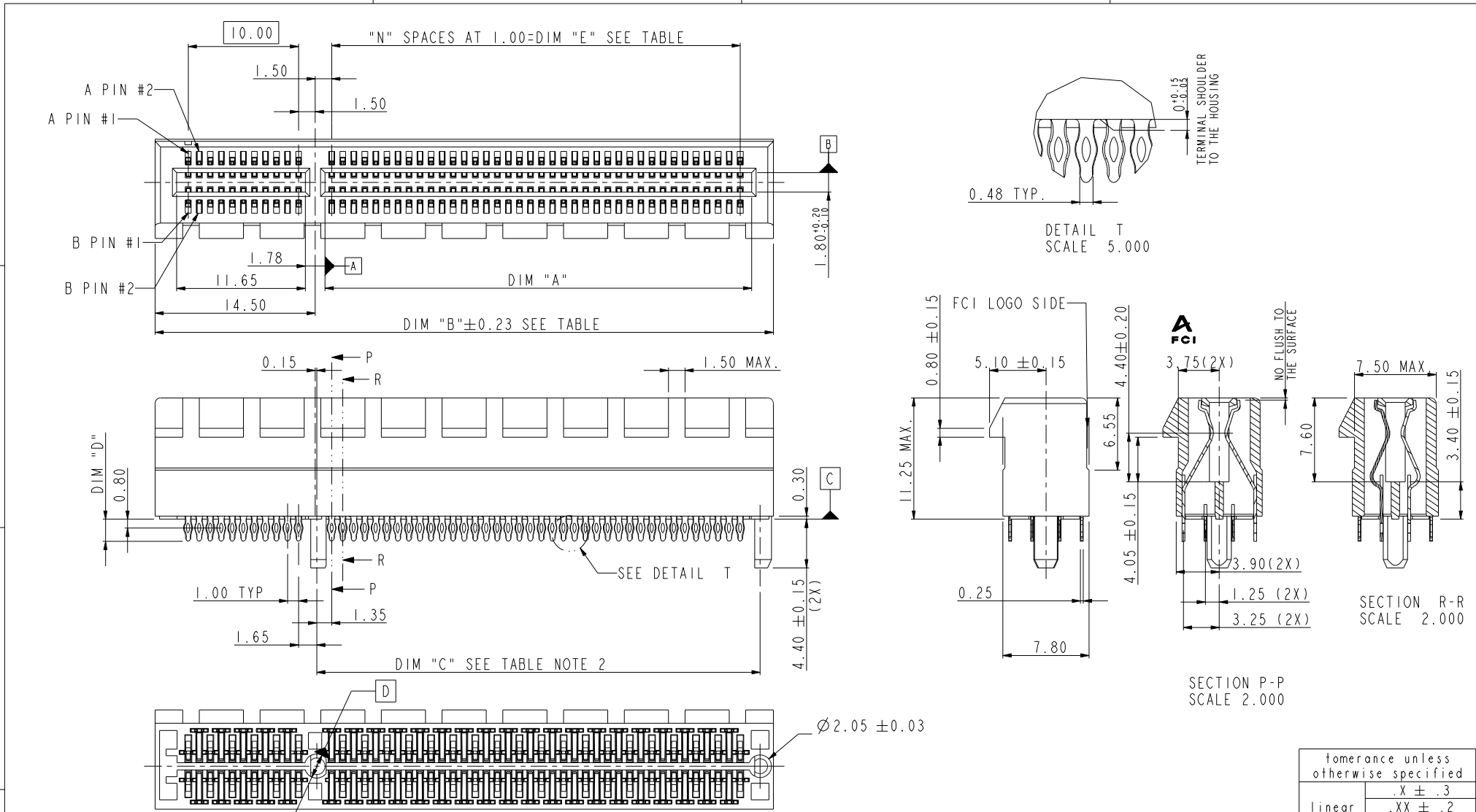
D

A

B

C

D

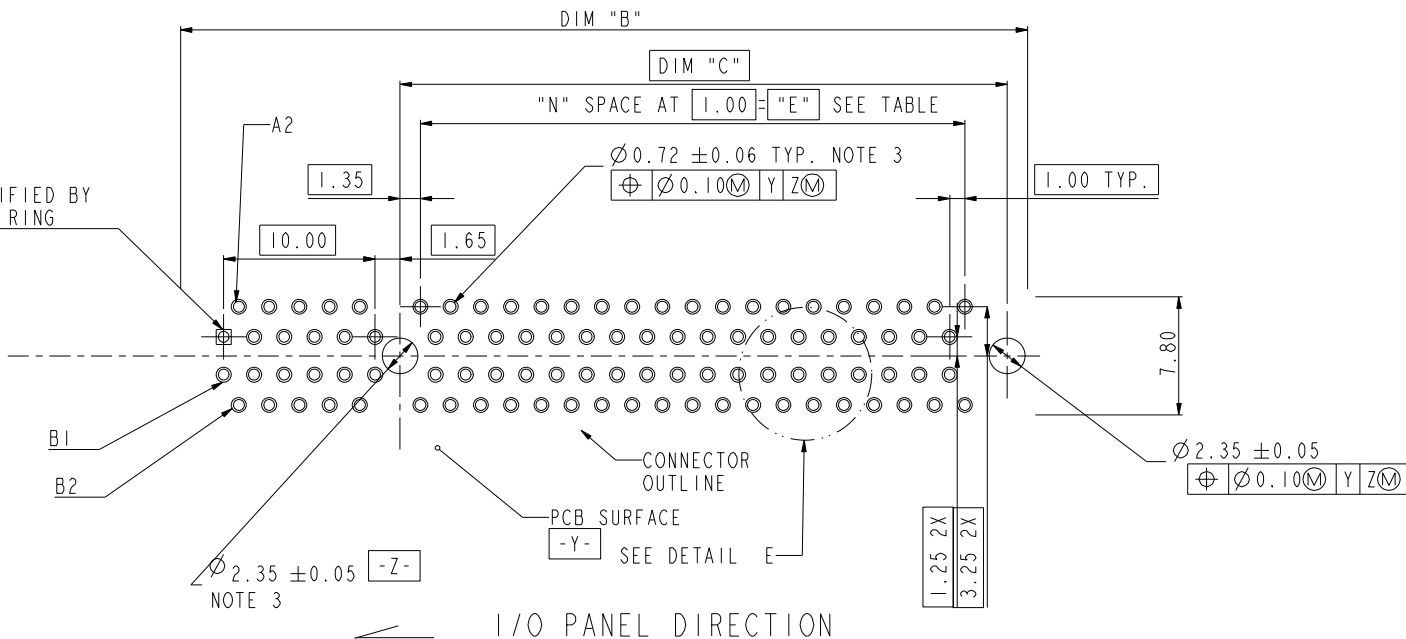


www.fciconnect.com				tolerance		projection		MM	
Dr	MAGGIE WU	07/23/04	Product family		size	A4	Scale		1.000
Eng	R Y LIU	07/23/04	Spec ref		ECN		DG09-0045		
Chr	PAUL WANG	07/23/04	Material		dwg no		10039755		Rev.
Appr	JOSEPH HSIA	07/23/04	PCI EXPRESS PRESS-FIT ASS'Y		K				
FCI				catalog no		* CUSTOMER DRAWING		sheet 1 of 6	

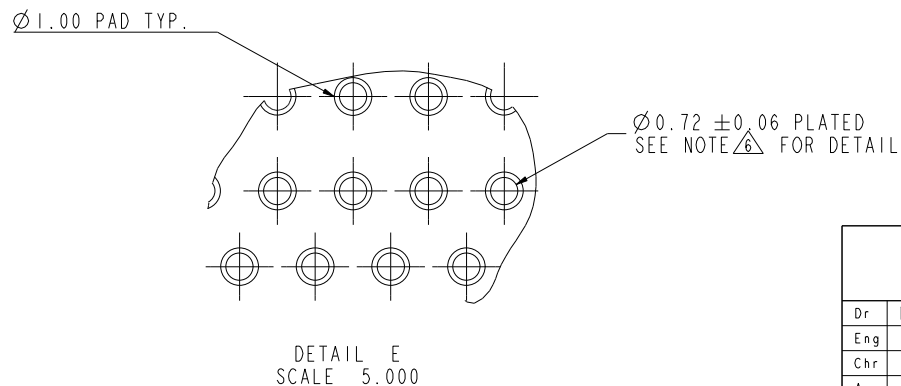
rev	ecn no	dr	date
H	DG06-0161	P M	04/11/06
J	DG06-0249	P M	06/24/06
K	DG09-0045	B L	02/23/09
E	T05-0224	M W	09/27/05
F	T05-0243	M W	10/27/05
G	T05-0257	M W	11/08/05

REV T - 2006-04-17

PIN #A1 IDENTIFIED BY
SQUARE ANNULAR RING



RECOMMENDED FOOTPRINT



tolerance unless otherwise specified	
linear	.X ± .3 .XX ± .2 .XXX ± .1
angles	0° ± 2°

www.fciconnect.com			tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family	size	A4
Eng	R Y LIU	07/23/04	Spec ref	Scale	1.000
Chr	PAUL WANG	07/23/04	Material	ECN	DG09-0045
Appr	JOSEPH HSIA	07/23/04			
FCI			PCI EXPRESS PRESS-FIT ASS'Y		Rev. K
catalog no			dwg no	10039755	sheet 2 of 6
			CUSTOMER DRAWING		



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A

B

C

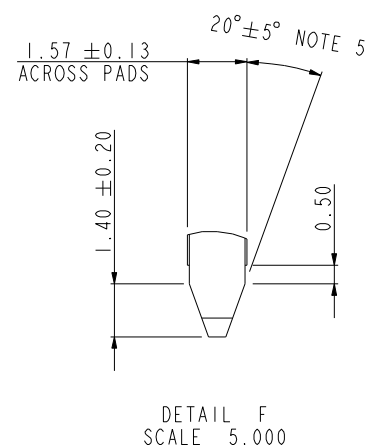
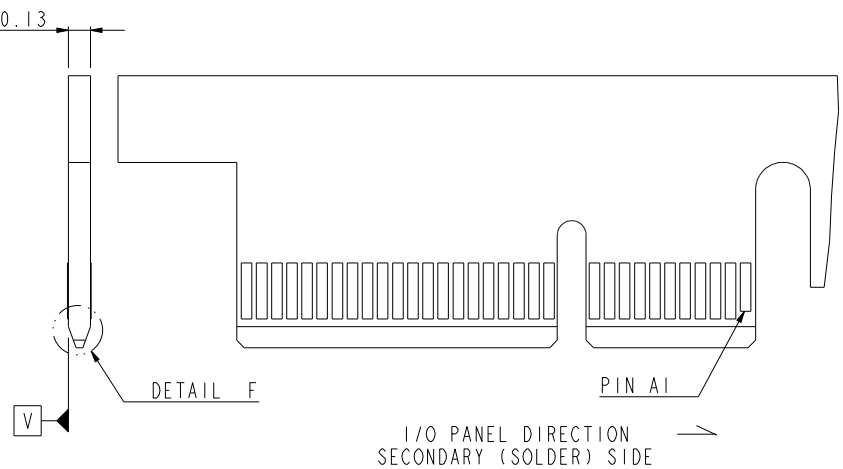
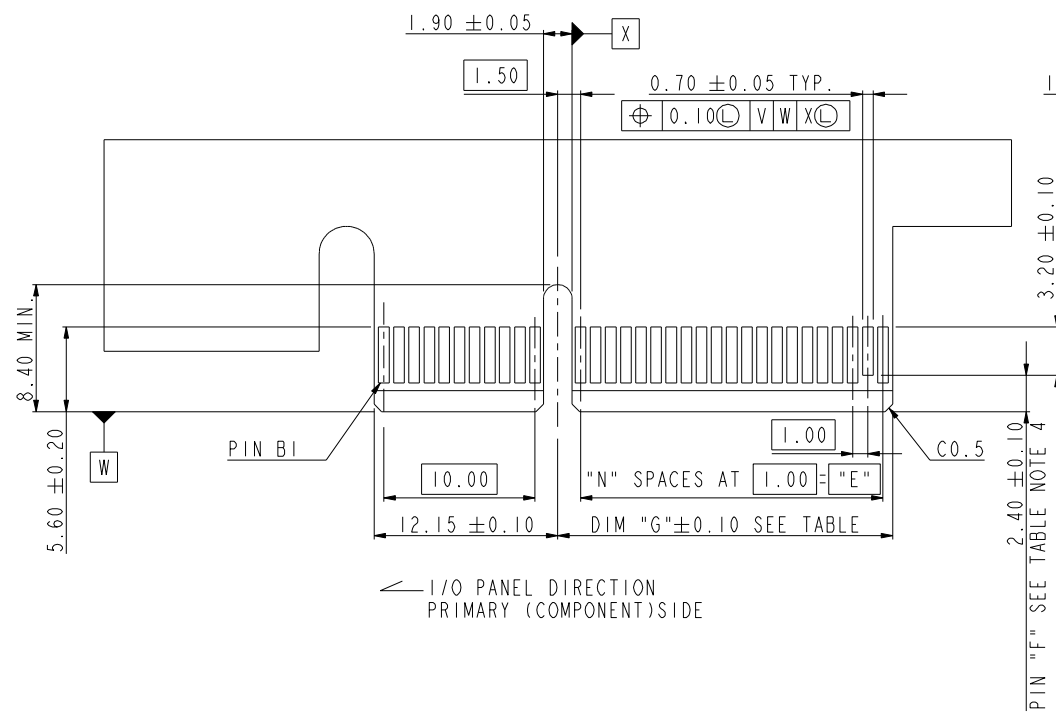
D

A

B

C

D



# POS REF.	N	DIM "G"	"F"
98	37	39.15	B48
164	70	72.15	B81

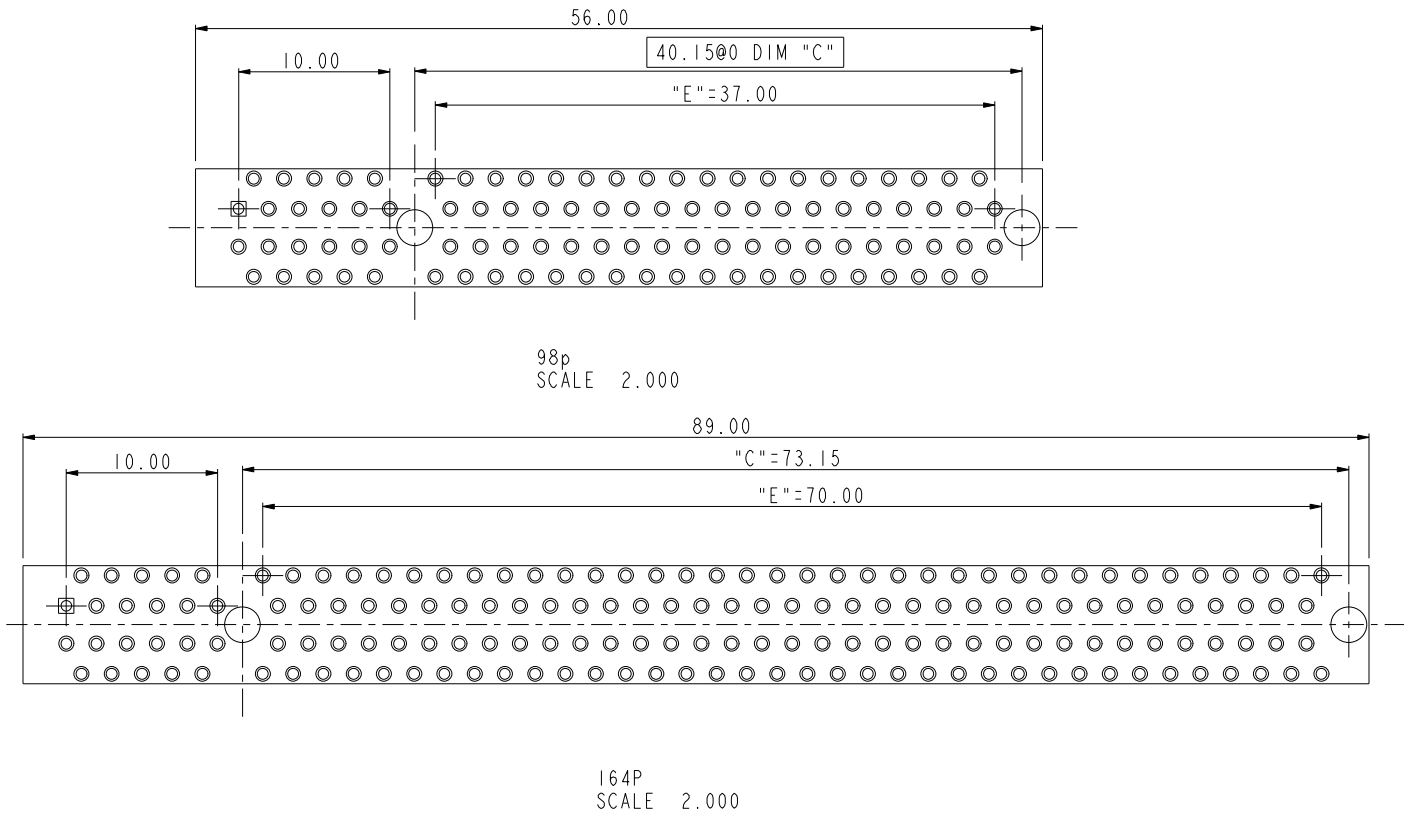
tolerance unless otherwise specified	
linear	.X ± .3 .XX ± .2 .XXX ± .1
angles	0° ± 2°

www.fciconnect.com			tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family	size	A4
Eng	R Y LIU	07/23/04	Spec ref	Scale	1.000
Chr	PAUL WANG	07/23/04	Material	ECN	DG09-0045
Appr	JOSEPH HSIA	07/23/04			
FCI			PCI EXPRESS PRESS-FIT ASS'Y		Rev. K
catalog no			dwg no	10039755	
			* CUSTOMER DRAWING sheet 3 of 6		

REV F - 2006-04-17



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RECOMMENDED FOOTPRINT LAYOUT

www.fciconnect.com			✓	tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family		3G10	size
Eng	R Y LIU	07/23/04	Spec ref		*	A4
Chr	PAUL WANG	07/23/04	Material		*	ECN
Appr	JOSEPH HSIA	07/23/04				DG09-0045
FCI			PCI EXPRESS PRESS-FIT ASS'Y			Rev.
catalog no			10039755			K
			CUSTOMER			sheet 4 of 6



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NOTES:

1. MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED. SUITABLE FOR REFLOW SOLDERING.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER

CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE

SOLDER TAIL: TIN - 100u" MIN. OVER 50u" NICKEL OR TIN/LEAD

100u" MIN. SEE PRODUCT NUMBER CODE

2. PRODUCT SPECIFICATION: GS-12-319

THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO $\varnothing 2.35$ HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z.

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

CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

ALL PTH SHOULD BE 0.76~0.83 mm DIA DRILLED AND 0.025~0.05 mm. ELECTRO-DEPOSITED COPPER THK ON THROUGH HOLE WALL.

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

PRODUCT NUMBER CODE

10039755 - X X X X X X X X

HOUSING COLOR OPTIONS
1-BLACK

PEGS OPTIONS
0-PLASTIC PEGS

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

3-50u" Ni UNDERPLATE

30u" Au CONTACT AREA

100u" TIN/LEAD TAIL AREA -----RoHS COMPLIANT EXCEPT Pb

4-50u" Ni UNDERPLATE

15u" Au CONTACT AREA

100u" TIN/LEAD TAIL AREA -----RoHS COMPLIANT EXCEPT Pb

5-50u" Ni UNDERPLATE

GOLD FLASH CONTACT AREA

100u" TIN/LEAD TAIL AREA -----RoHS COMPLIANT EXCEPT Pb

LEAD FREE OPTION

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

PACKAGING OPTIONS
T-TRAY PACKAGING

POS OPTIONS

0-36

1-64

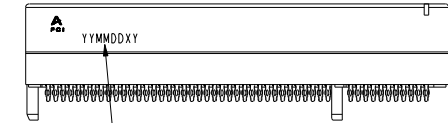
2-98

3-164

TAIL LENGTH OPTIONS

	DIM "D"	SUGGESTED PCB THICKNESS
0	2.00±0.20	2.36
1	3.25±0.20	4.19

CONNECTOR	# POS REF.	N	DIM "A"	DIM "B"	DIM "C"	DIM "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



Date code:

"YY" means year number

"MM" means month number

"DD" means day number

"X" means manufacture location

"D" means made in Dongguan site

"Y" means shift number

If date code is 060626D1, it means this part is made by shift 1 in 2006/06/26 and manufactured in Dongguan site

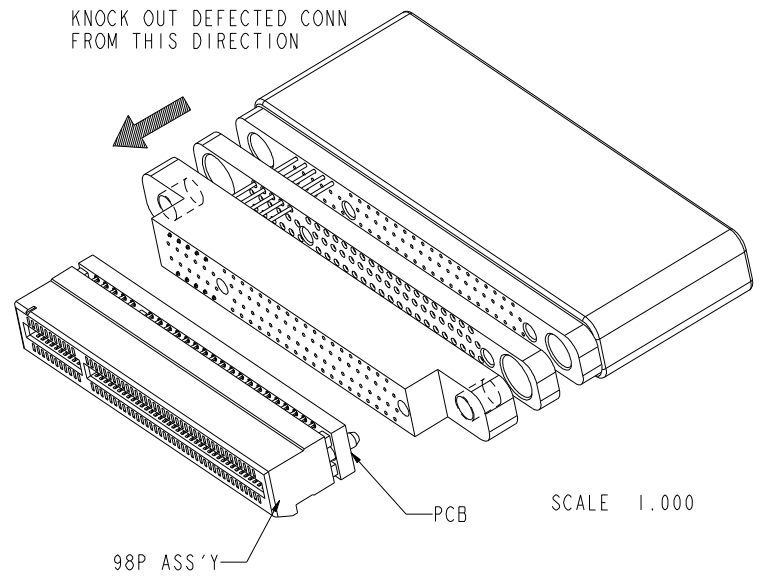
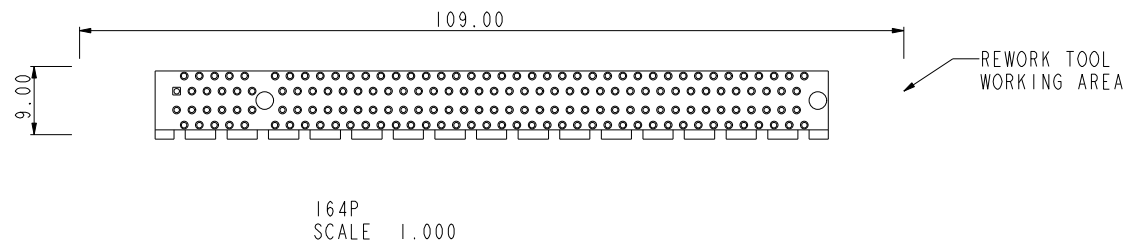
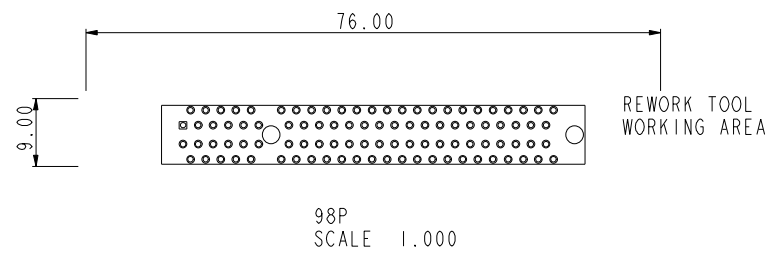
Date code should be laser mark

tolerance unless otherwise specified	
linear	.X ± .3 .XX ± .2 .XXX ± .1
angles	0° ± 2°

www.fciconnect.com			✓	tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family		size	A4
Eng	R Y LIU	07/23/04	Spec ref		Scale	1.000
Chr	PAUL WANG	07/23/04	Material		ECN	DG09-0045
Appr	JOSEPH HSIA	07/23/04				
FCI		PCI EXPRESS PRESS-FIT ASS'Y			dwg no	10039755
catalog no					* CUSTOMER DRAWING	sheet 5 of 6
					Rev.	K



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tolerance unless otherwise specified	
linear	.X ± .3 .XX ± .2 .XXX ± .1
angles	0° ± 2°

www.fciconnect.com			✓	tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family		size A4	Scale 1.000
Eng	R Y LIU	07/23/04	Spec ref			
Chr	PAUL WANG	07/23/04	Material		ECN	DG09-0045
Appr	JOSEPH HSIA	07/23/04				
	PCI EXPRESS PRESS-FIT ASS'Y			dwg no 10039755	Rev. K	
catalog no		* CUSTOMER DRAWING sheet 6 of 6				



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.