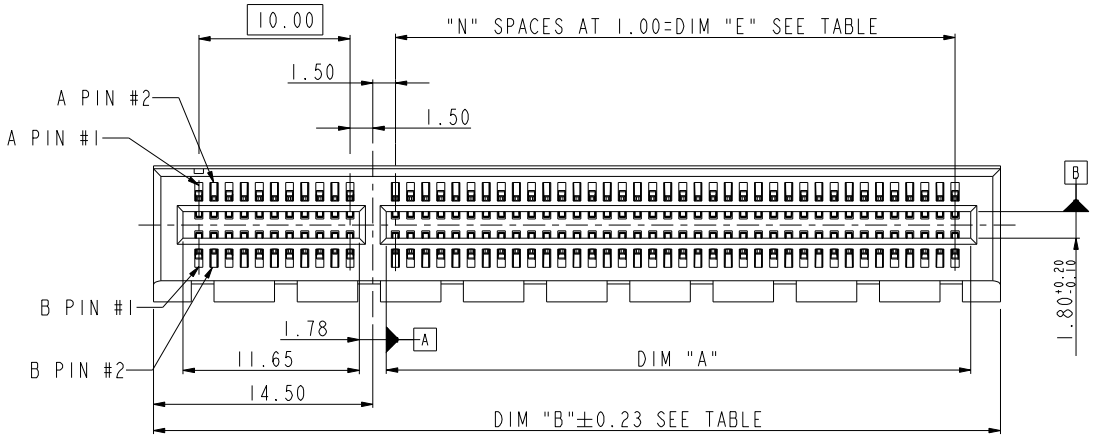
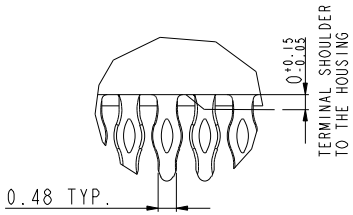
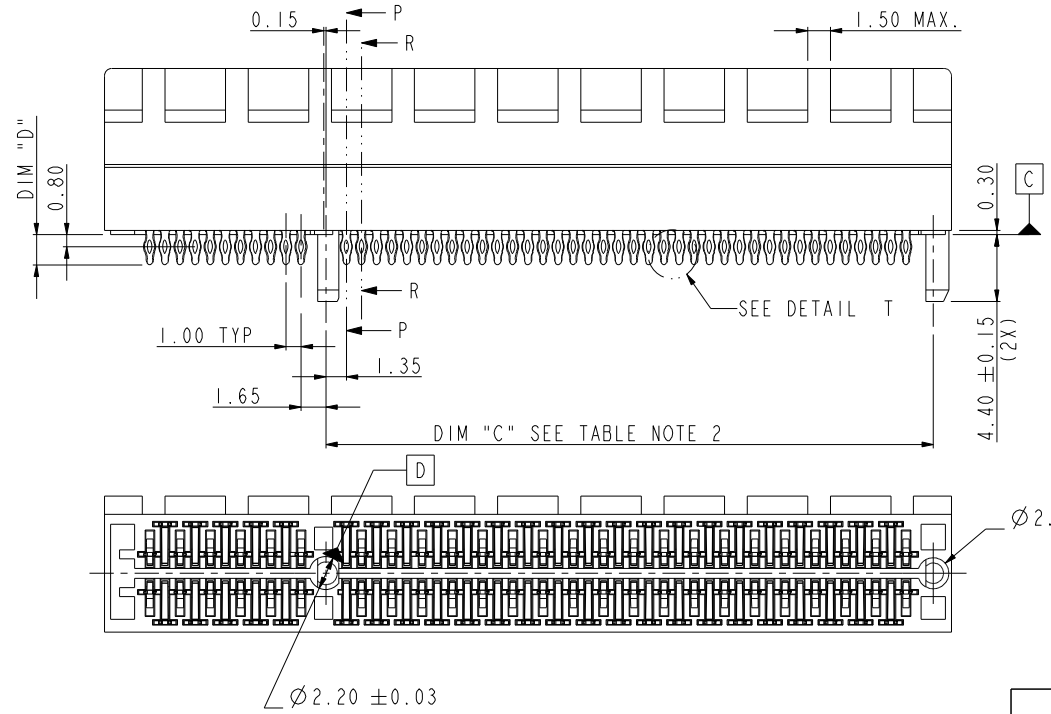
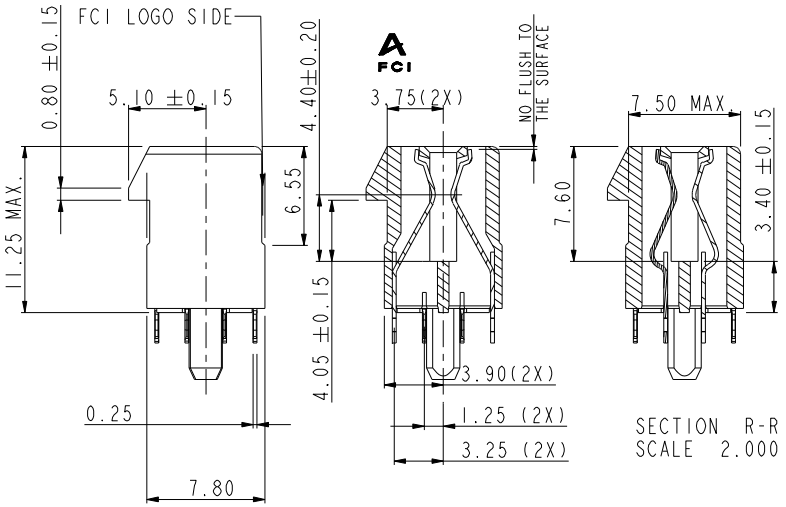




DETAIL T
SCALE 5.000





SECTION R-R
SCALE 2.000

SECTION P-P
SCALE 2.000

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

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

www.fciconnect.com

tolerance

projection

MM

Dr	MAGGIE WU	07/23/04	Product family
Eng	R Y LIU	07/23/04	Spec ref
Chr	PAUL WANG	07/23/04	Material
Appr	JOSEPH HSIA	07/23/04	

size A4 | Scale 1.000

ECN DG09-0045

PCI EXPRESS PRESS-FIT ASS'Y

dwg no 10039755 | Rev. K

catalog no *

CUSTOMER DRAWING | sheet 1 of 6

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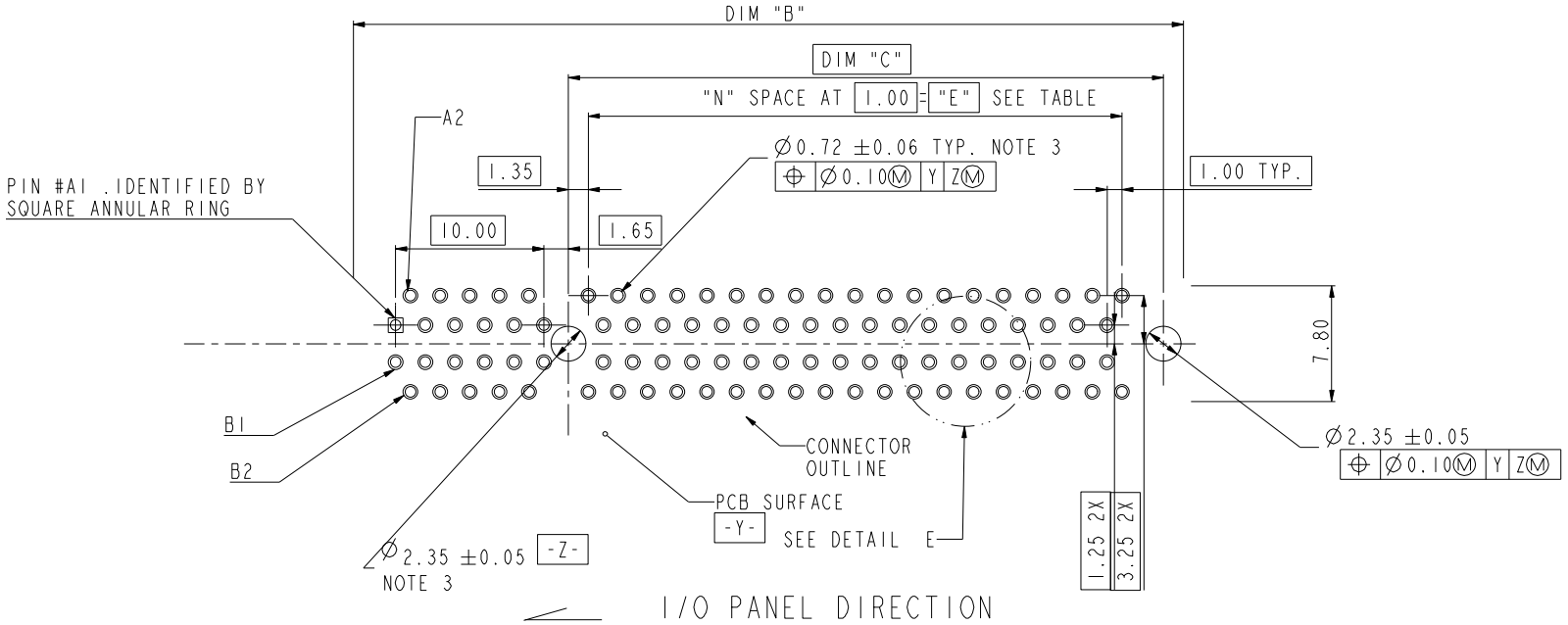
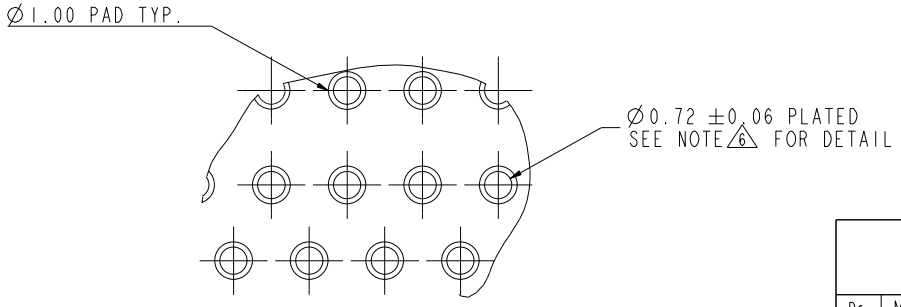


RECOMMENDED FOOTPRINT



DETAIL E
SCALE 5.000

tomerance 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			
catalog no		PCI EXPRESS PRESS-FIT ASS'Y		dwg no 10039755	Rev. K
		*		CUSTOMER DRAWING	sheet 2 of 6

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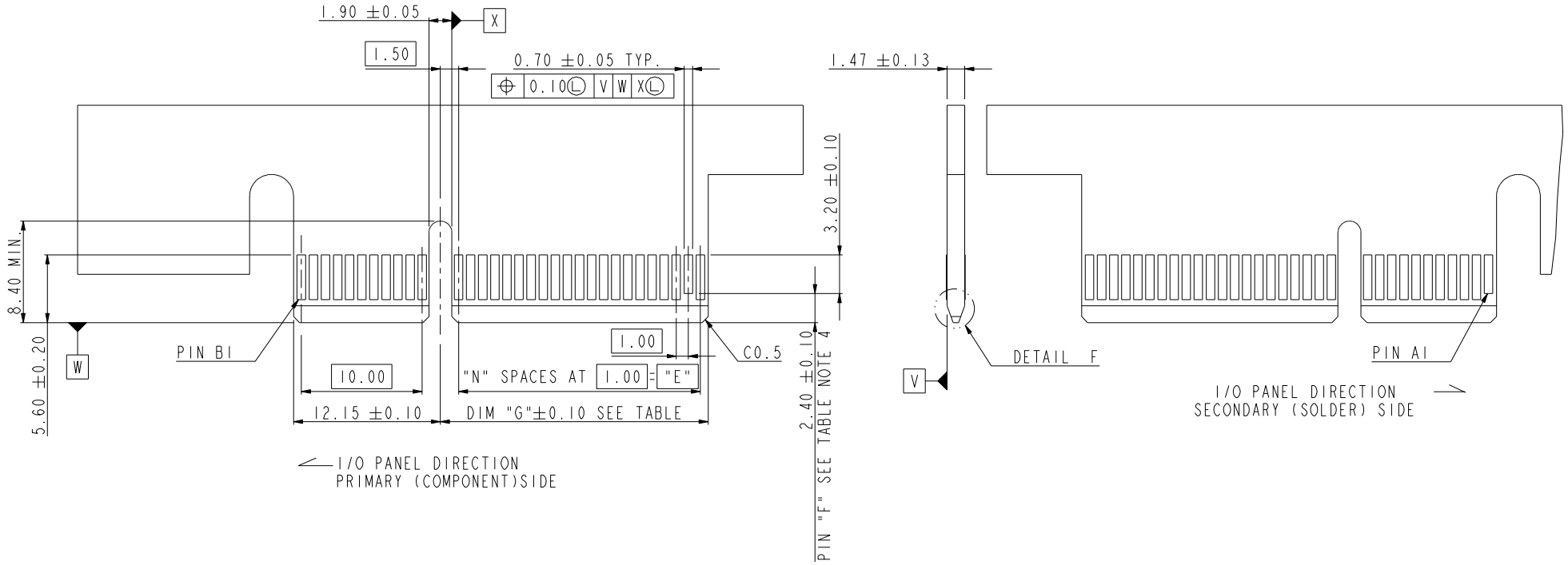

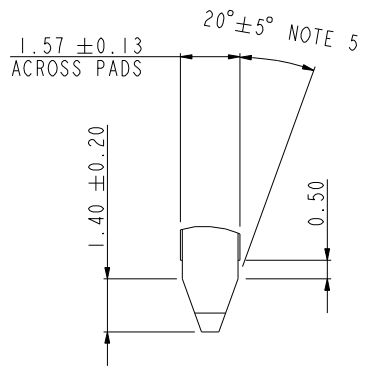

DETAIL F
SCALE 5.000

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

tomerance 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			

catalog no	PCI EXPRESS PRESS-FIT ASS'Y	dwg no 10039755	Rev. K
	*	CUSTOMER DRAWING	sheet 3 of 6

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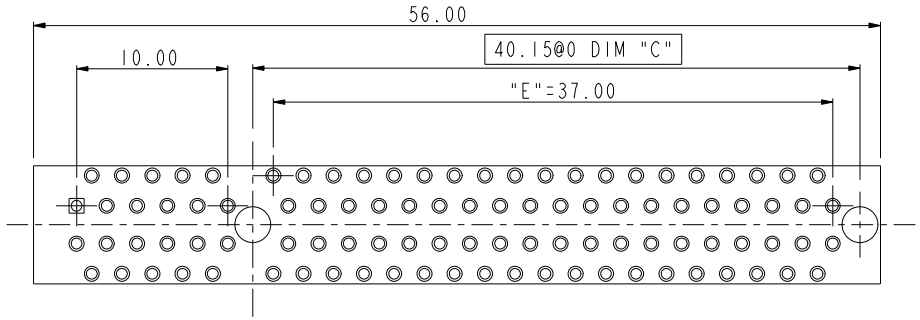
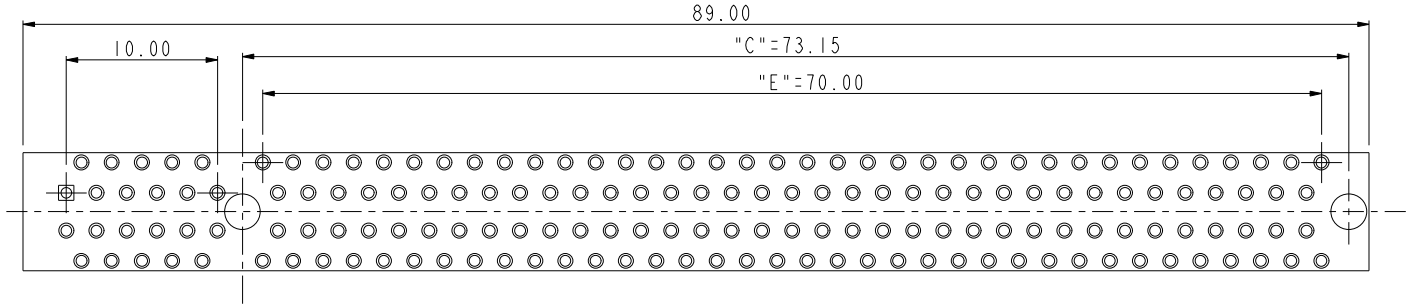
REV F - 2006-04-17

PDM: Rev:K STATUS:Released Printed: Mar 15, 2011



98p
SCALE 2.000



164P
SCALE 2.000

RECOMMENDED FOOTPRINT LAYOUT

www.fciconnect.com			tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family	3GIO	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		sheet 4 of 6

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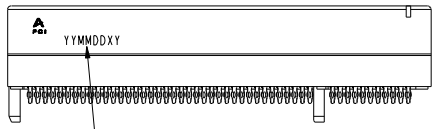
REV F - 2006-04-17

PDM: Rev:K STATUS:Released Printed: Mar 15, 2011

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
3. THE 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 CONTER OF DATUM Z.
4. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN NUMBERS "F".
5. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
6. 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 CPMPATIBILITY
   -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.

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

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

tomerance 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 5 of 6

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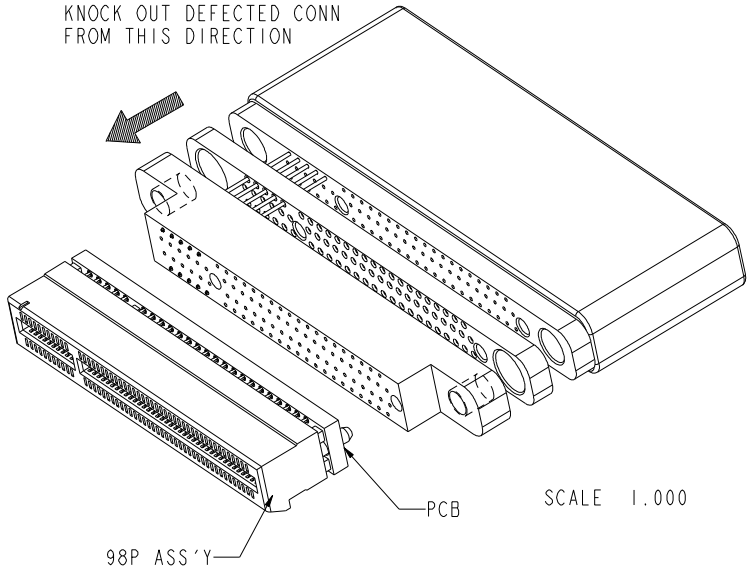
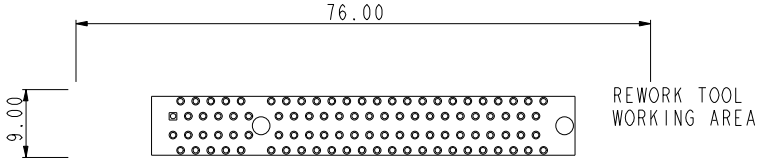
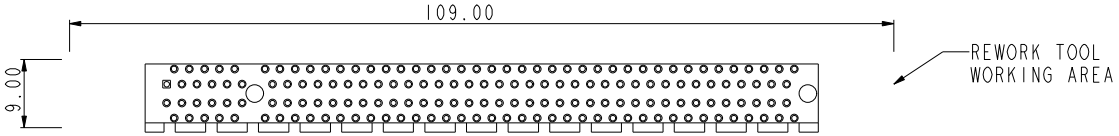




98P
SCALE 1.000



164P
SCALE 1.000

tomerance 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			
FCI	PCI EXPRESS PRESS-FIT ASS'Y		dwg no 10039755		Rev. K
catalog no	*		CUSTOMER DRAWING		sheet 6 of 6

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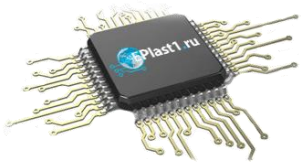
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.