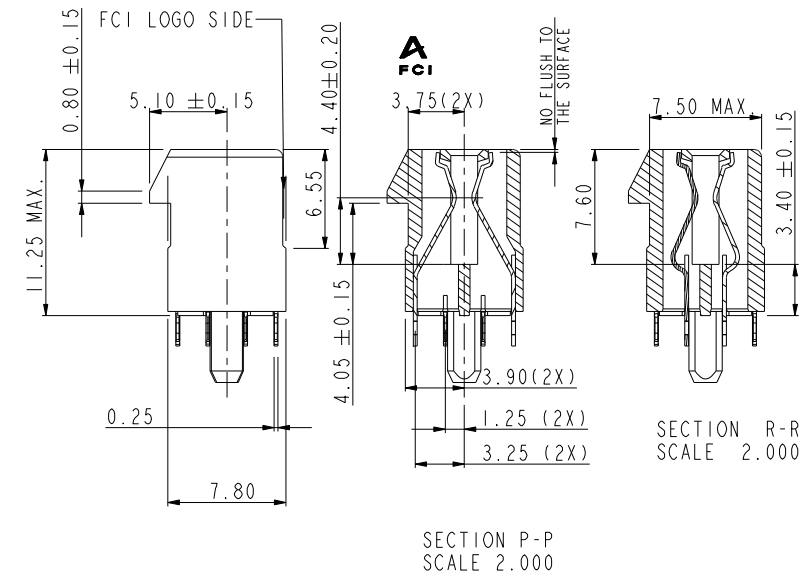
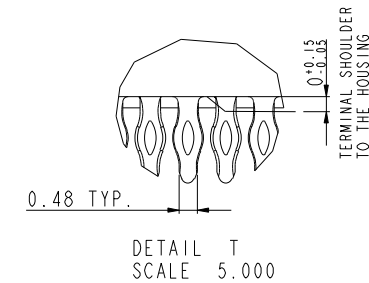
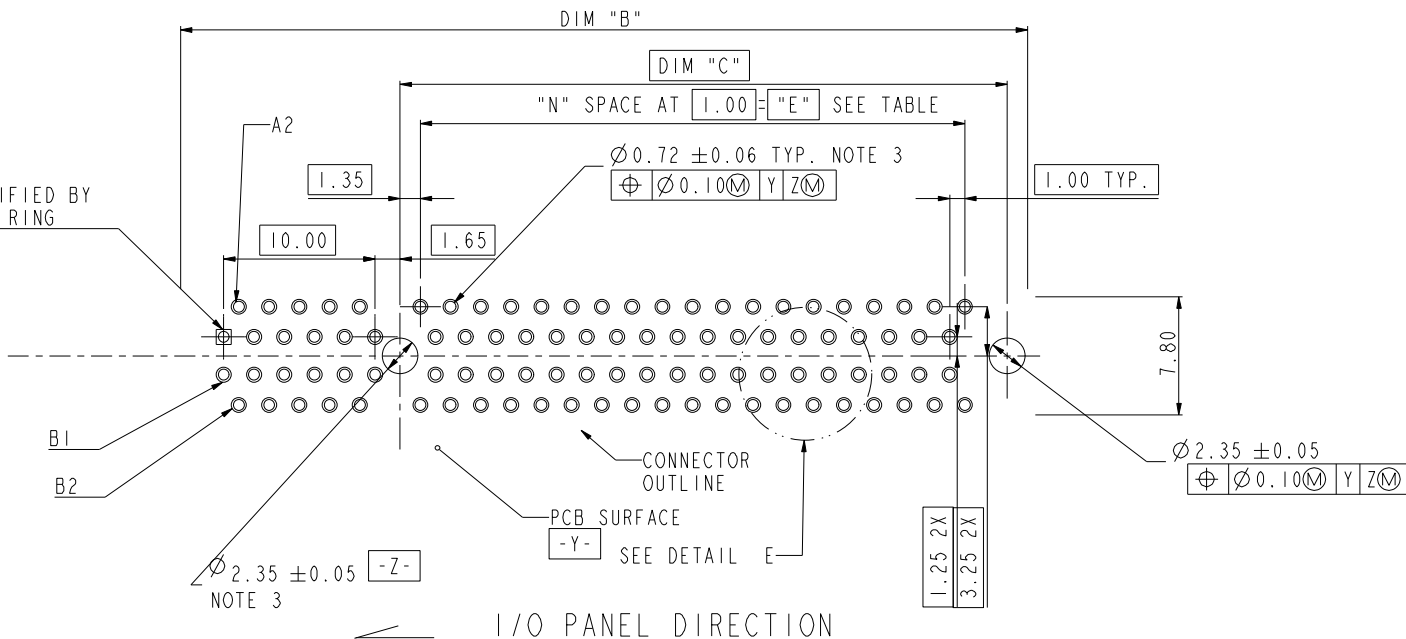




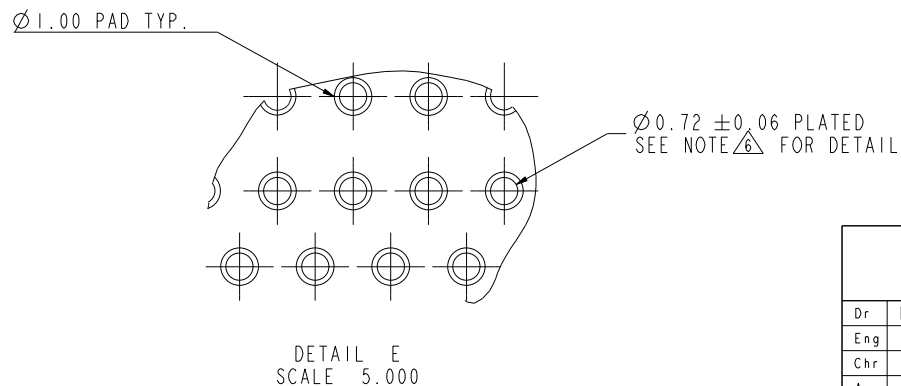
D

www.fciconnect.com						tolerance							
Dr		MAGGIE WU		07/23/04		Product family				size		Scale	
Eng		R Y LIU		07/23/04		Spec ref				A4		1.000	
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 1 of 6	

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



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A

B

C

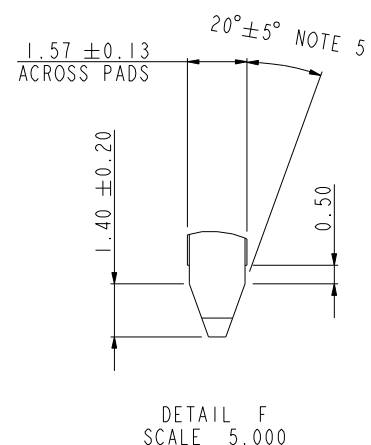
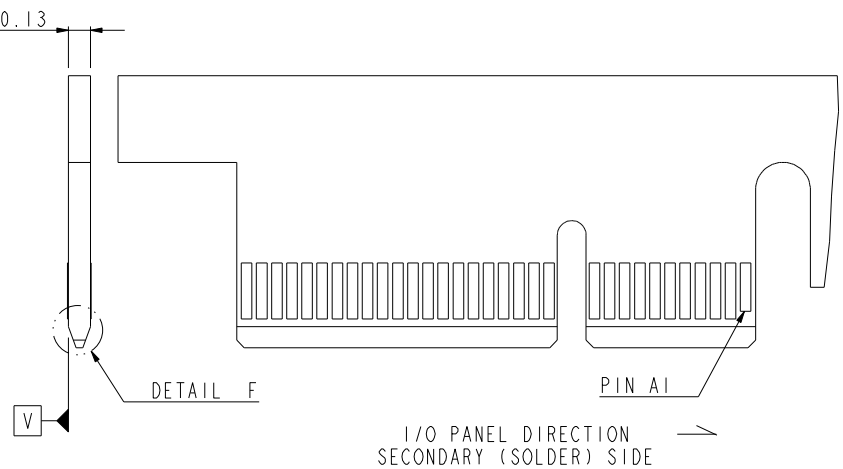
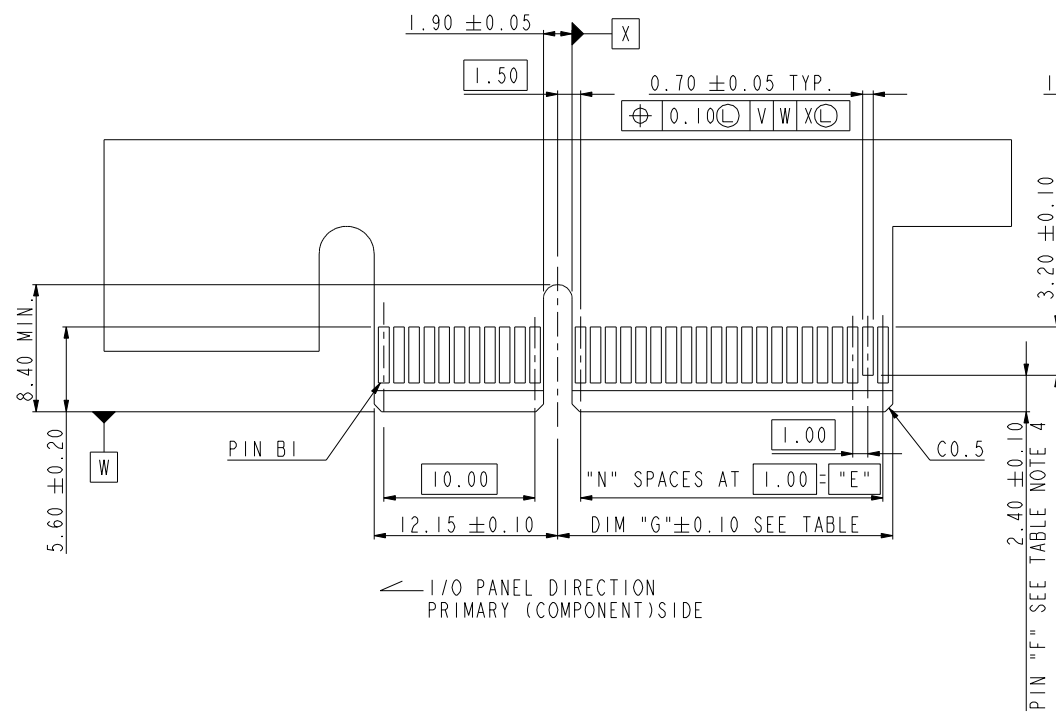
D

A

B

C

D



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

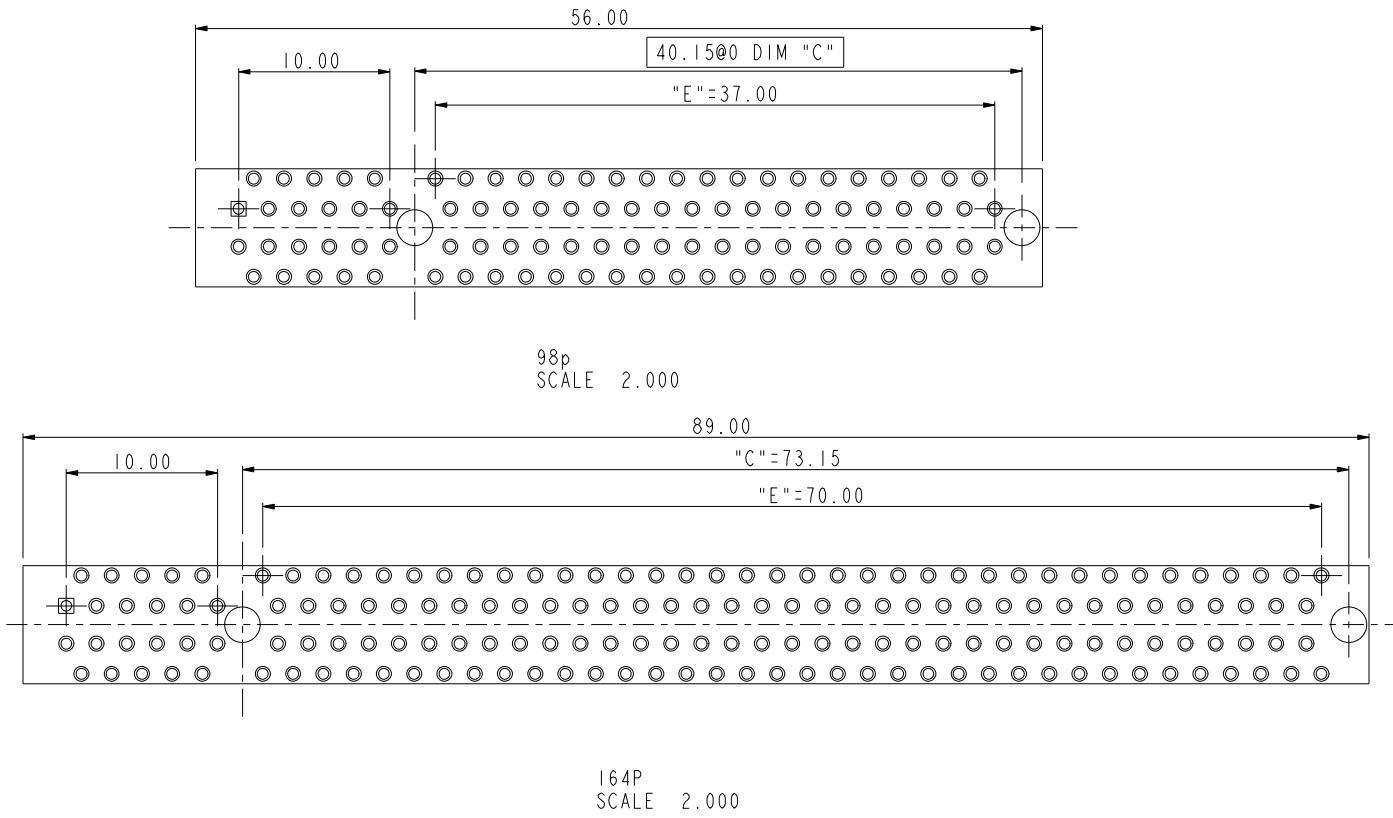
tolerance unless otherwise specified	
linear	.X ± .3 .XX ± .2 .XXX ± .1
angles	0° ± 2°

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		dwg no
catalog no			10039755		Rev.
			* 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

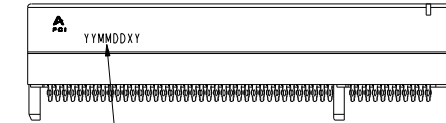
2-98

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

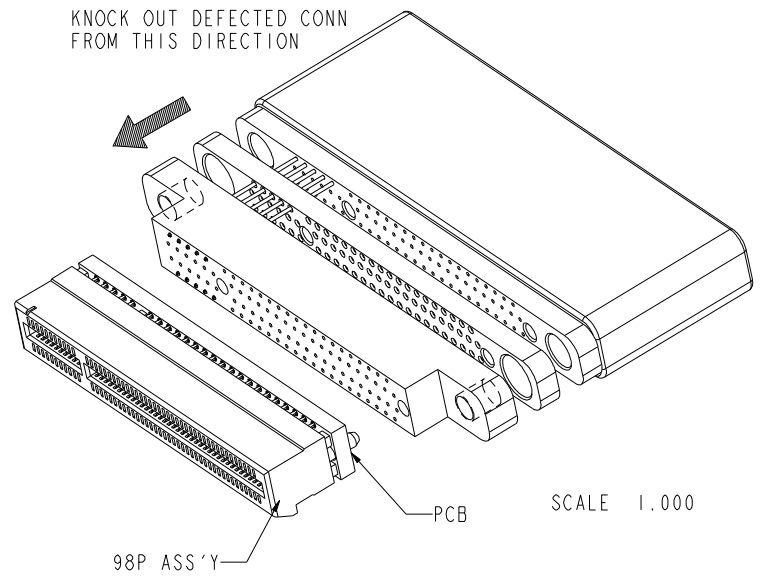
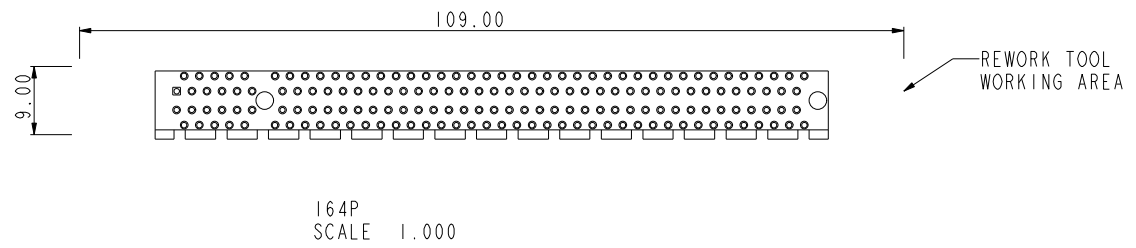
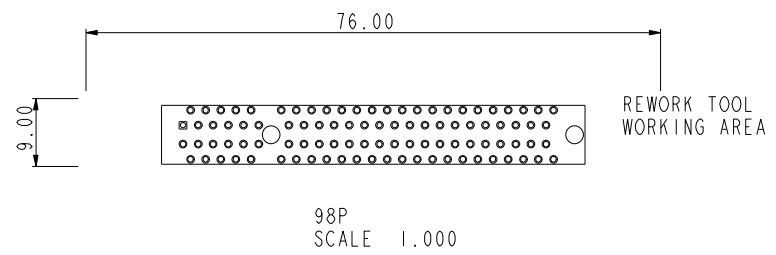
Date code should be laser mark

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	