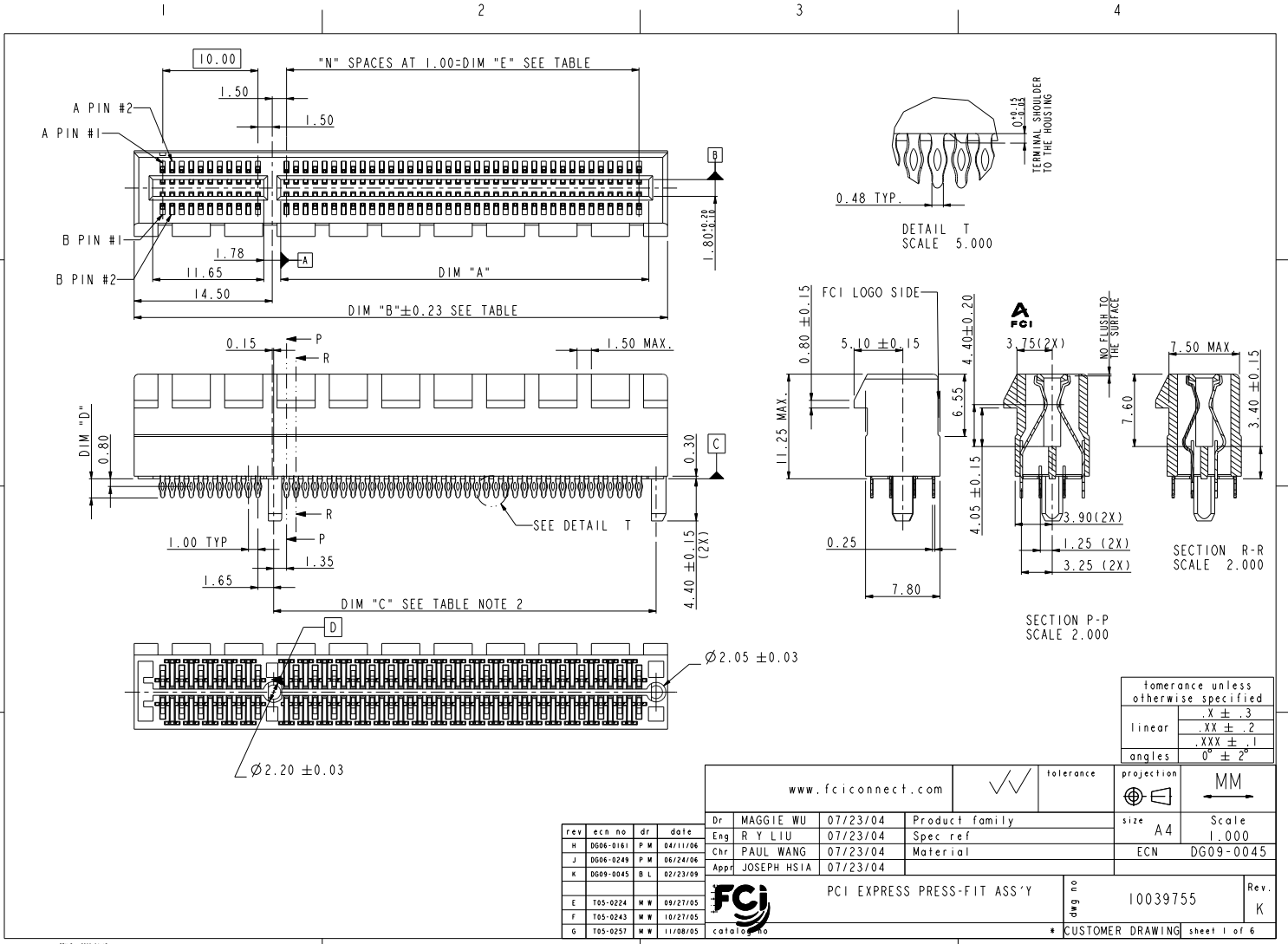




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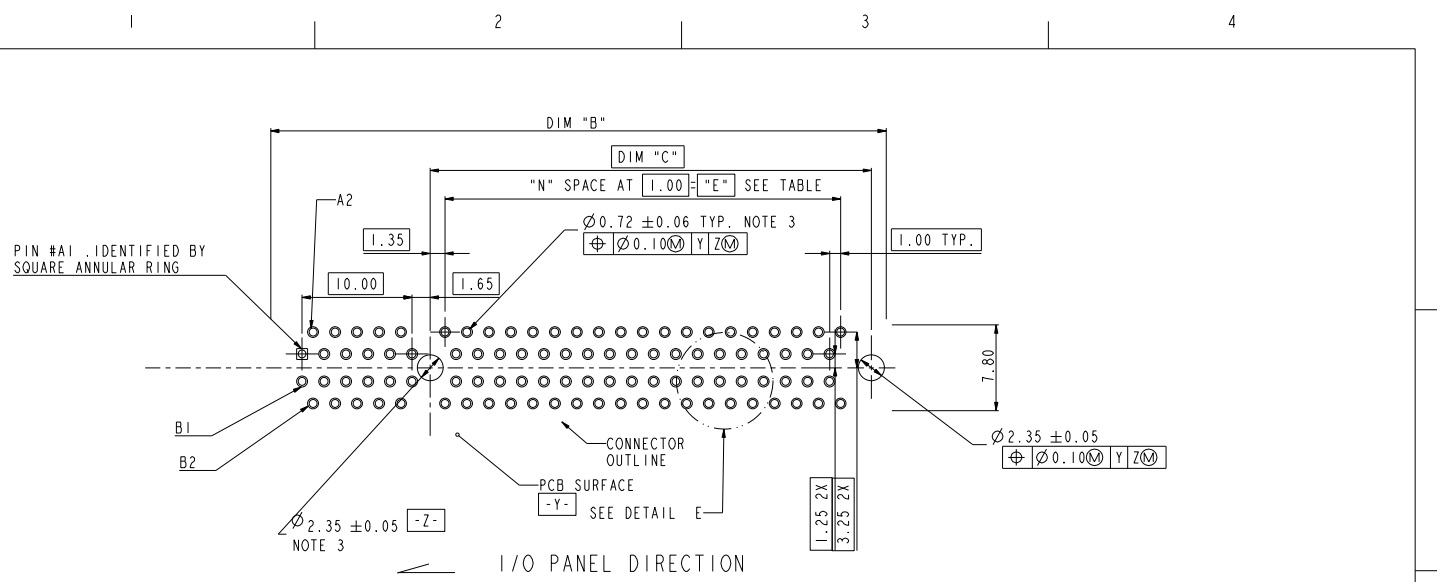
rev	ecn no	dr	date
H	D006-0161	P/M	04/11/04
J	D006-0249	P/M	06/24/04
K	D009-0045	B/L	02/23/09
E	T05-0224	M	09/27/05
F	T05-0243	M	10/27/05
G	T05-0257	M	11/08/05

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

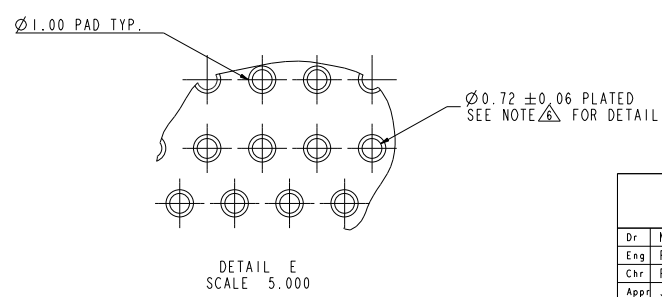
REV 1 - 2004-04-17



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RECOMMENDED FOOTPRINT



DETAIL E
SCALE 5.000

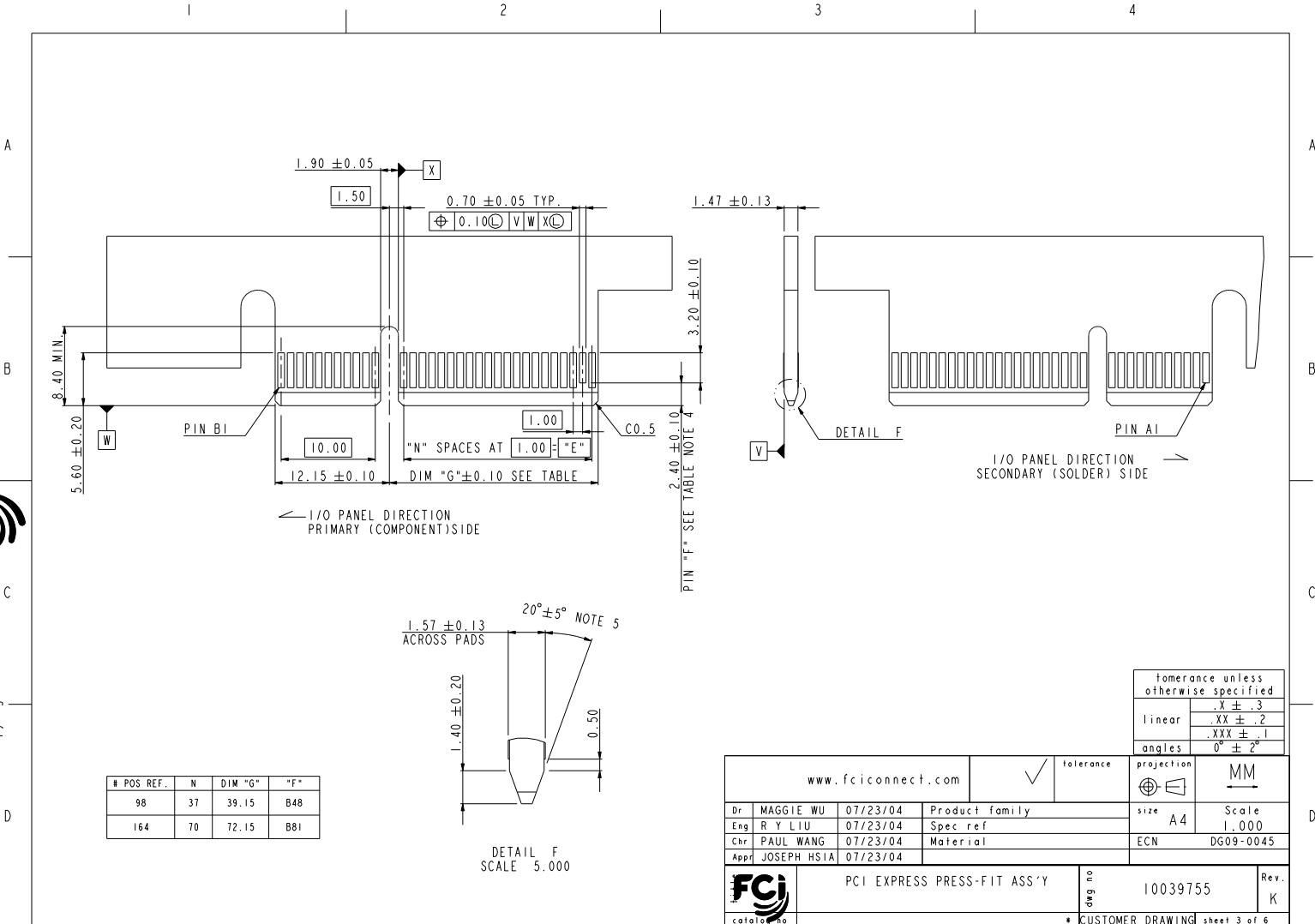
tolerance unless otherwise specified	
linear	.X ± .3
	.XX ± .2
	.XXX ± .1
angles	0° ± 2°

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

REV 1 - 2004-06-17



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1 2 3 4

A

B

C

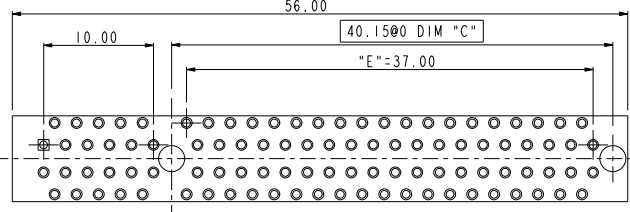
D

A

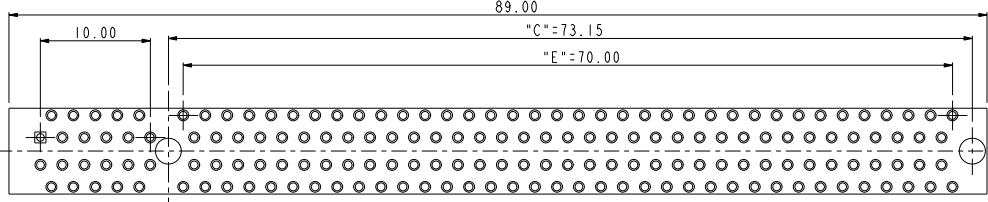
B

C

D



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	3G10	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			
	PCI EXPRESS PRESS-FIT ASS'Y	dwg no	10039755	Rev. K
catalog no	*	CUSTOMER	sheet 4 of 6	

REV 1 - 2004-06-17

1 2

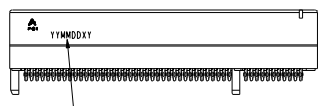


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NOTES:

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 Ø2.35 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.

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
- LEAD FREE OPTION
"LF" FOR TERMINAL PLATING OPTION 0,1,2
LEAVE BLANK FOR TERMINAL PLATING 3,4,5
- PEGS OPTIONS
0-PLASTIC PEGS
- PACKAGING OPTIONS
T-TRAY PACKAGING
- 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
- 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

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

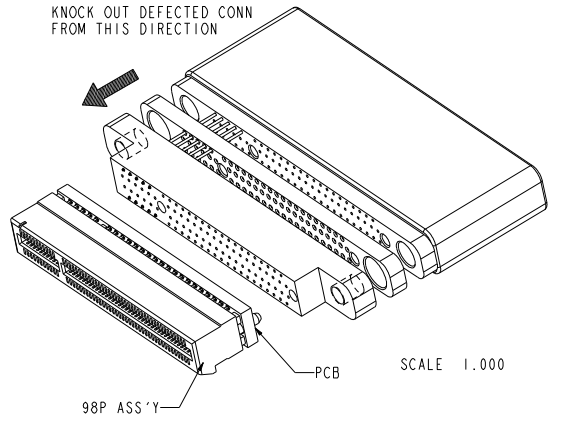
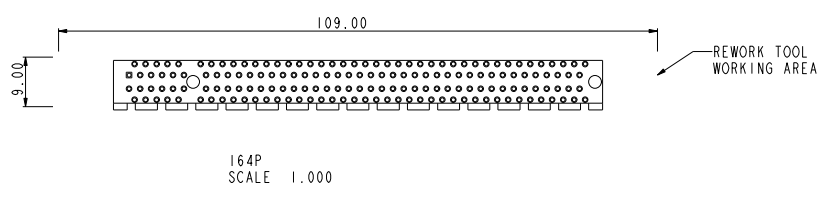
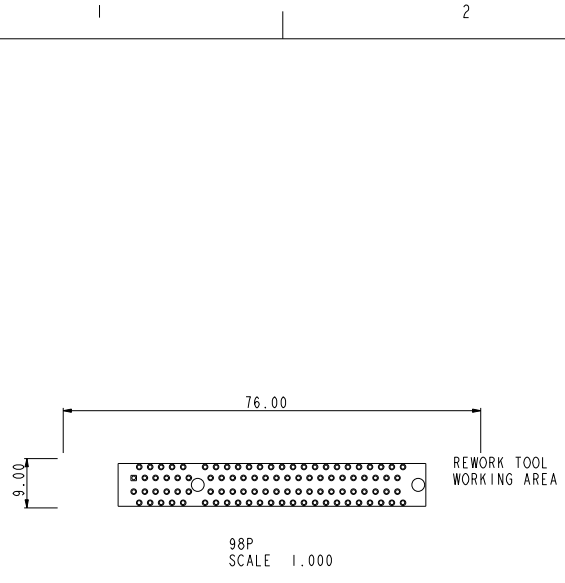
www.fciconnect.com		tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family	size A4
Eng	R Y LIU	07/23/04	Spec ref	Scale 1:000
Chr	PAUL WANG	07/23/04	Material	ECN DG09-0045
Appr	JOSEPH HSIA	07/23/04		

	PCI EXPRESS PRESS-FIT ASS'Y	Qty no	10039755	Rev.	K
catalog no		* CUSTOMER DRAWING		sheet 5 of 6	

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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
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	qty no	10039755	Rev. K
catalog no		* CUSTOMER DRAWING sheet 6 of 6		

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