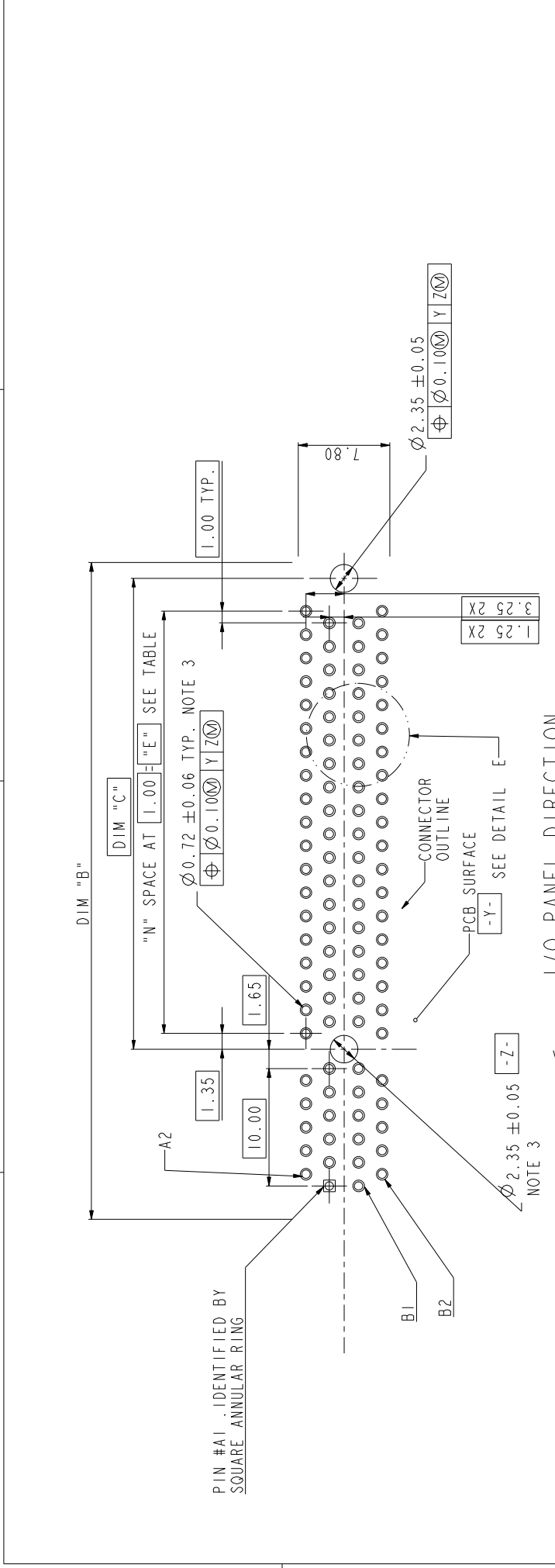


www.fciconnect.com		tolerance		projection	
MAGGIE WU 07/23/04		Product family		MM	
R Y LIU 07/23/04		Spec ref		size A4	
Chr PAUL WANG 07/23/04		Material		Scale 1.000	
Appr JOSEPH HSIA 07/23/04		ECN DG09-0045		ECN DG09-0045	
PCI EXPRESS PRESS-FIT ASS'Y		Rev. K		10039755	
FCI catalog no		* CUSTOMER DRAWING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

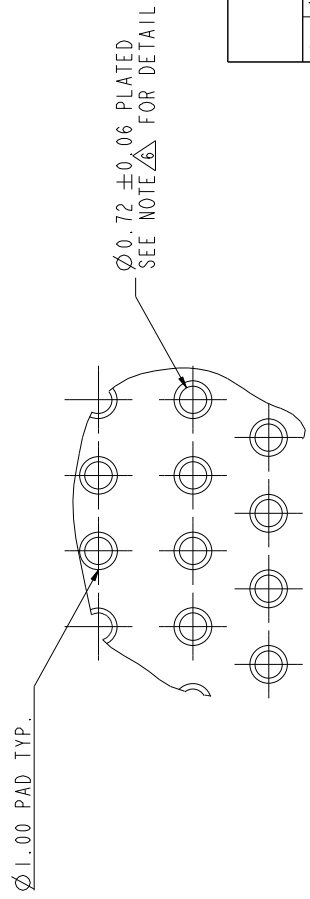
rev	ecn no	dr	date
H	0606-016	PM	04/11/06
J	0606-0249	PM	06/24/06
K	0609-0045	BL	02/23/09
E	T05-0224	MW	09/21/05
F	T05-0243	MW	10/27/05
G	T05-0257	MW	11/08/05



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RECOMMENDED FOOTPRINT

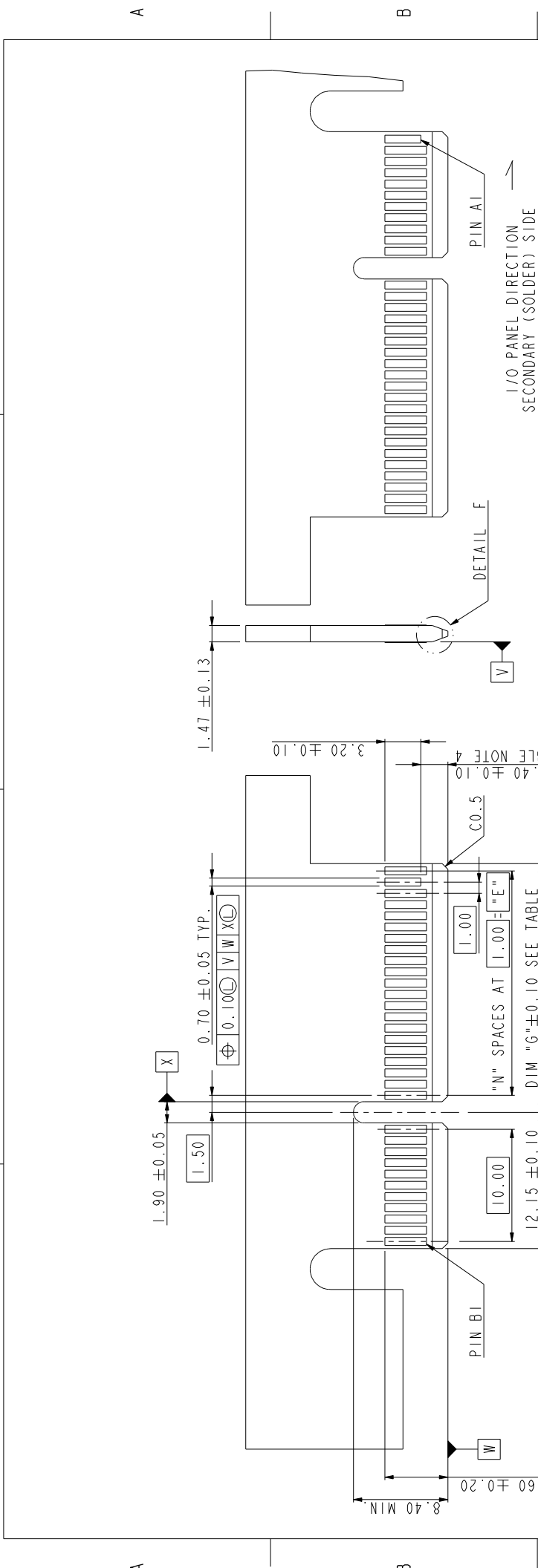


tolerance unless otherwise specified	
linear	.X ± .3
	.XX ± .2
	.XXX ± .1
angles	0° ± 2°

www.fciconnect.com	tolerance	projection	MM
Dr MAGGIE WU 07/23/04	Product family	size A4	Scale 1.000
Eng R Y LIU 07/23/04	Spec ref	ECN DG09-0045	
Chr PAUL WANG 07/23/04	Material		
Appr JOSEPH HSIA 07/23/04			

<b>FCI</b> catalog no	PCI EXPRESS PRESS-FIT ASS'Y	Rev. K
	ou gmp	10039755
	* CUSTOMER DRAWING	sheet 2 of 6

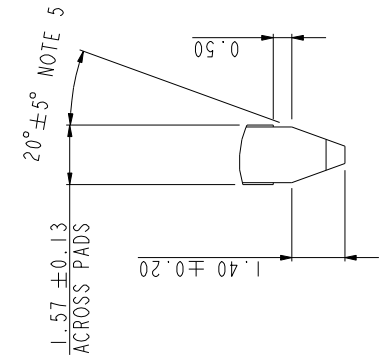
1 2 3 4



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I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE

I/O PANEL DIRECTION  
SECONDARY (SOLDER) SIDE



DETAIL F  
SCALE 5.000

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

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

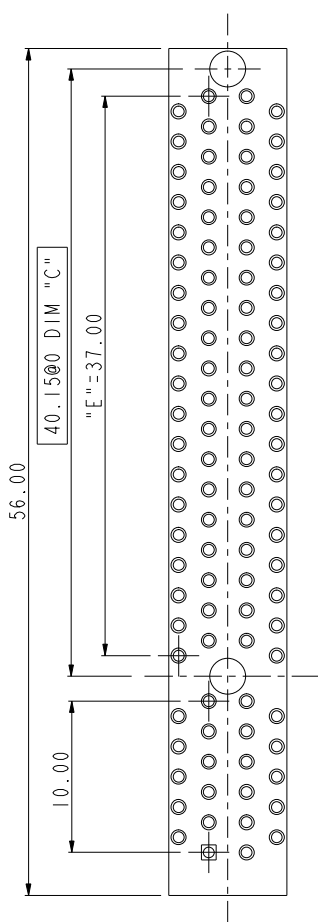
www.fciconnect.com		tolerance		MM
Dr	MAGGIE WU	07/23/04	Product family	Scale
Eng	R Y LIU	07/23/04	Spec ref	1.000
Chr	PAUL WANG	07/23/04	Material	ECN
Appr	JOSEPH HSIA	07/23/04		DG09-0045
PCI EXPRESS PRESS-FIT ASS'Y		ou	6mp	Rev.
				K
		* CUSTOMER DRAWING		sheet 3 of 6

REV F - 2005-04-17

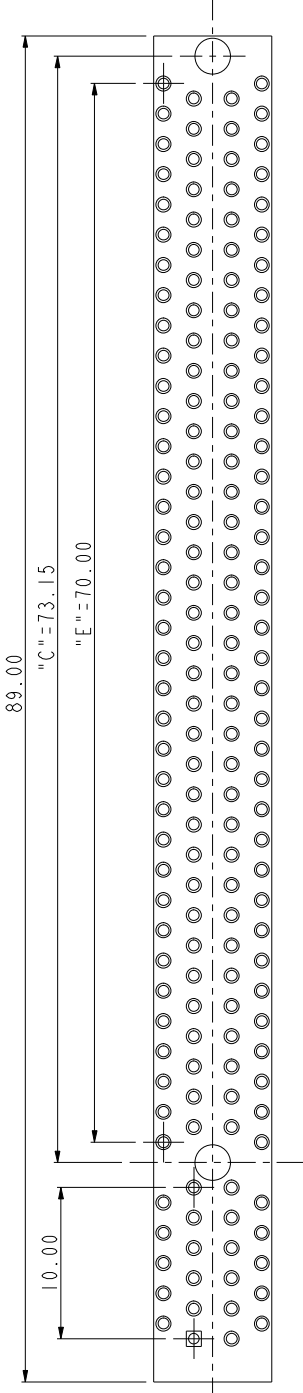
Downloaded from [Arrow.com](http://Arrow.com)

1 2 3 4

A B C D



98p  
SCALE 2.000



164P  
SCALE 2.000

# RECOMMENDED FOOTPRINT LAYOUT

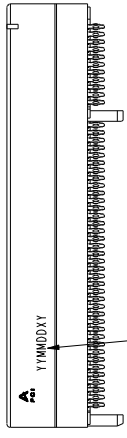


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www.fciconnect.com		tolerance	projection	MM
Dr	MAGGIE WU	07/23/04	Product family	3GIO
Eng	R Y LIU	07/23/04	Spec ref	*
Chr	PAUL WANG	07/23/04	Material	*
Appr	JOSEPH HSIA	07/23/04	ECN	DG09-0045
PCI EXPRESS PRESS-FIT ASS'Y		ou b mp	size	A4
Rev. K		10039755	Scale	1.000
catalog no		CUSTOMER	ECN	DG09-0045
sheet 4 of 6				

REV: 2005-04-17

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 06062601, it means this part is made by shift 1 in 2006/06/26 and manufactured in Dongguan site  
 Date code should be laser mark

- NOTES:
- 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
  - 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.  
 RoHS COMPATIBLE PRODUCT SPECIFICATIONS
  - 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

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
1	3.25±0.20

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

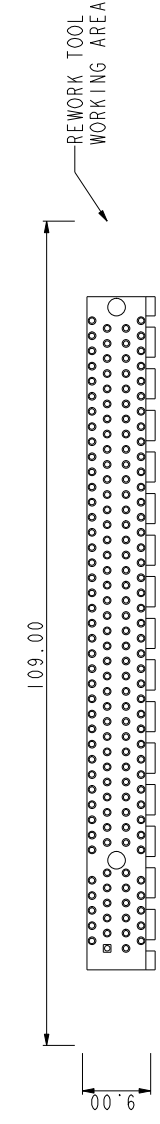
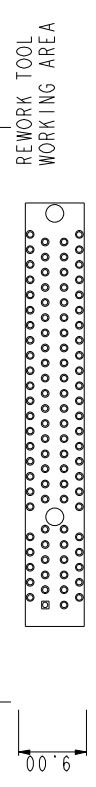
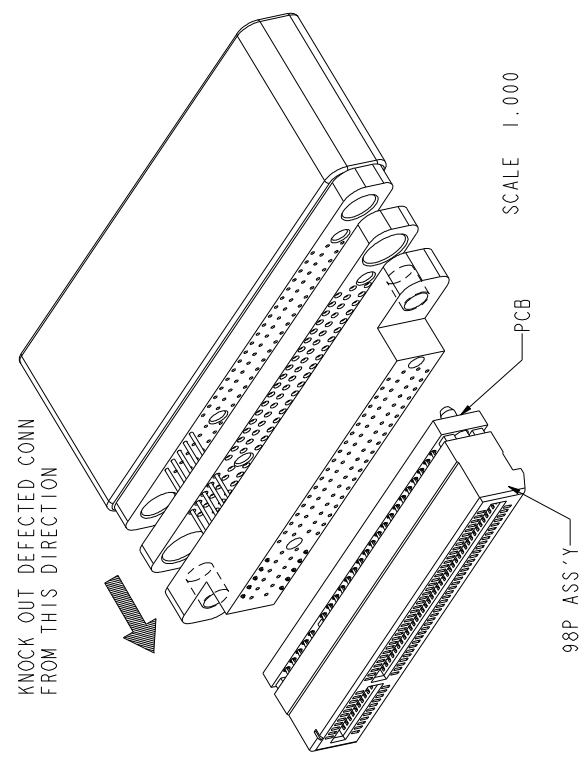


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tolerance unless otherwise specified
linear .XX ± .2
angles .XXX ± .1
0° ± 2°

www.fciconnect.com		projection	MM
Dr MAGGIE WU	07/23/04	Product family	Scale
Eng R Y LIU	07/23/04	Spec ref	1.000
Chr PAUL WANG	07/23/04	Material	ECN DG09-0045
Appr JOSEPH HSIA	07/23/04		
PCI EXPRESS PRESS-FIT ASS'Y		Rev.	K
10039755		Customer Drawing	sheet 5 of 6

1 2 3 4



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tolerance unless otherwise specified	
linear	.X ± .3 .XX ± .2 .XXX ± .1
angles	0° ± 2°
projection	
tolerance	MM $\longleftrightarrow$

www.fciconnect.com		tolerance		MM $\longleftrightarrow$	
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			ou	6mp	10039755
Rev.			K		

