



Copyright FCI.

A

B

C

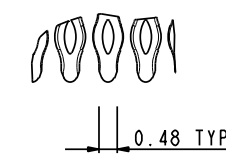
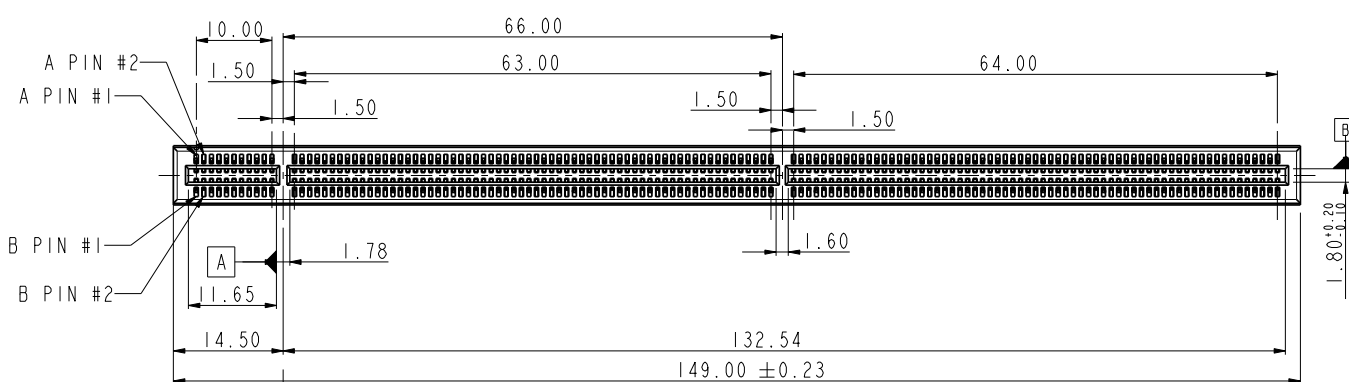
D

A

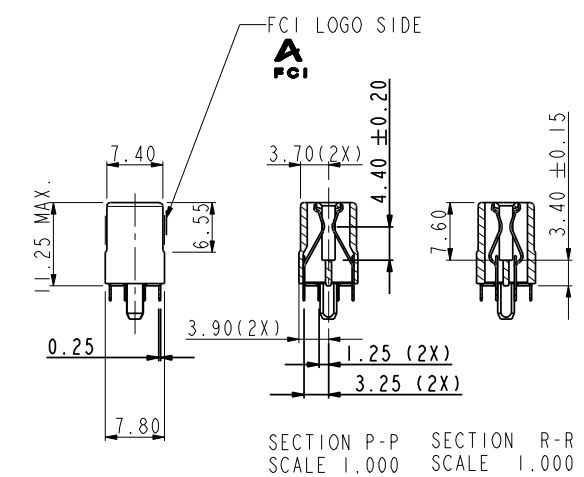
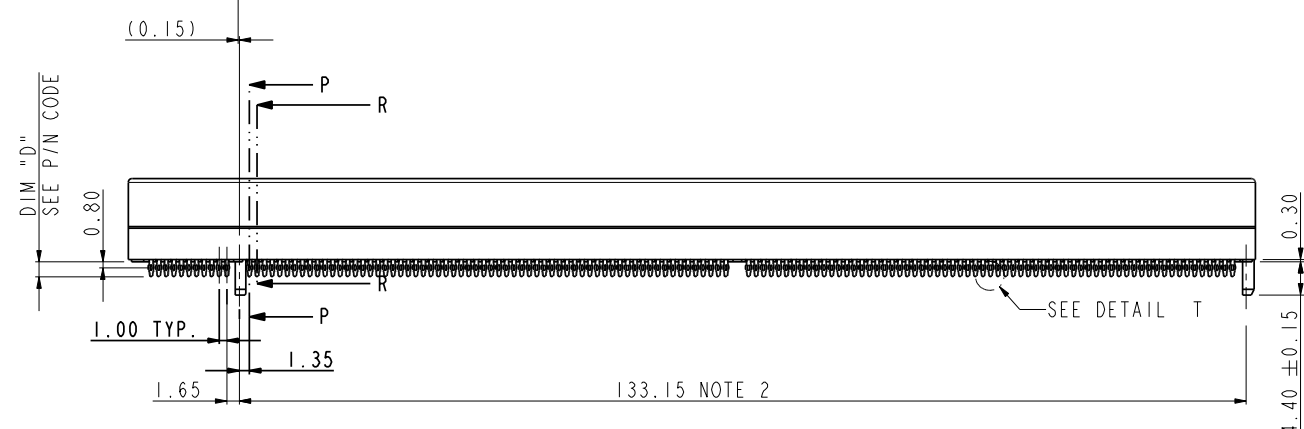
B

C

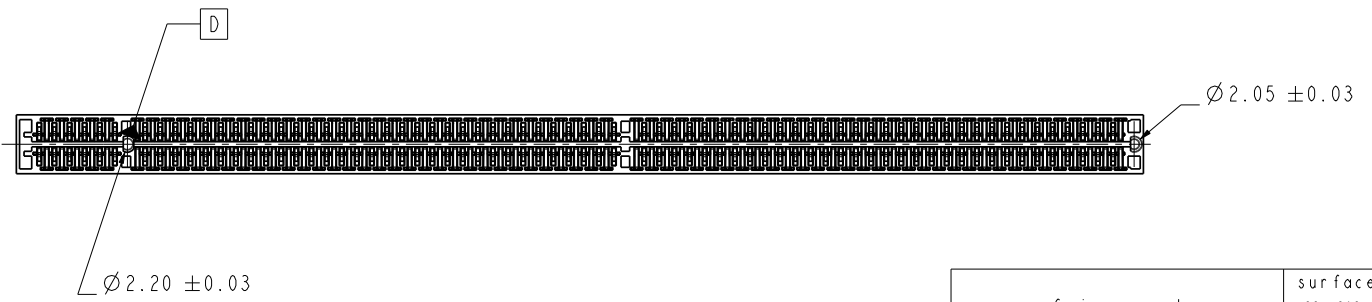
D



DETAIL T
SCALE 5.000



SECTION P-P SCALE 1.000
SECTION R-R SCALE 1.000

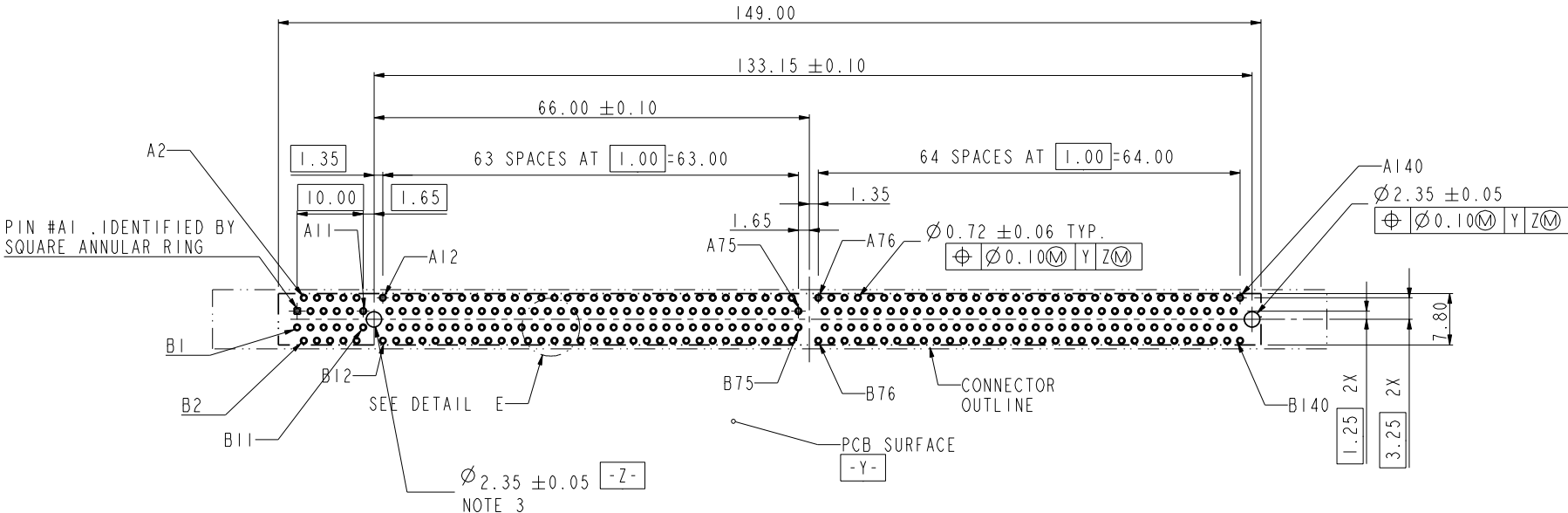


rev	ecn no	dr	date
A	T05-0050	MW	03/09/05
B	T05-0173	MW	08/09/05
C	T05-0243	MW	10/27/05
D	T05-0257	MW	11/08/05
E	DG06-0161	PM	04/11/06
F	DG06-0249	PM	07/03/06
G	DG10-0426	TER	2010-11-29

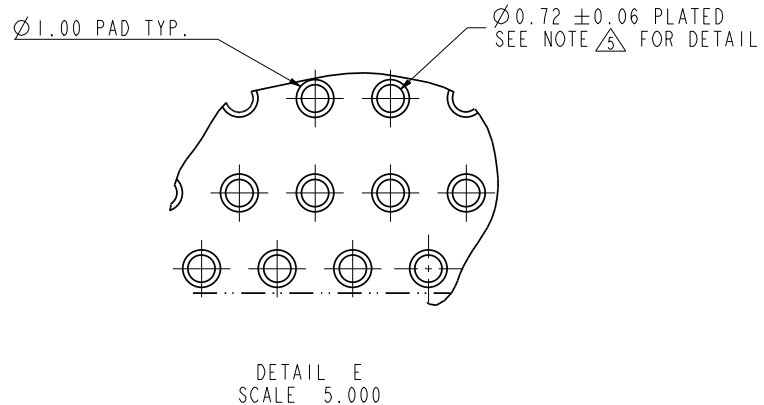
www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	mm
Dr MAGGIE WU 08/12/04		TOLERANCES UNLESS OTHERWISE SPECIFIED		size	Scale 1.000
Eng R Y LIU 08/12/04		ANGULAR	LINEAR	ECN	*
Chr PAUL WANG 08/12/04		0° ±2°	0.X ±0.3 0.XX ±0.2 0.XXX ±0.1	Spec ref	*
Appr JOSEPH HSIA 08/12/04		Product family			
FCI		PCI EXPRESS 280P PRESS FIT STD ASS'Y		10044013	
catalog no		*		CUSTOMER	
sheet 1 of 4				Rev. G	



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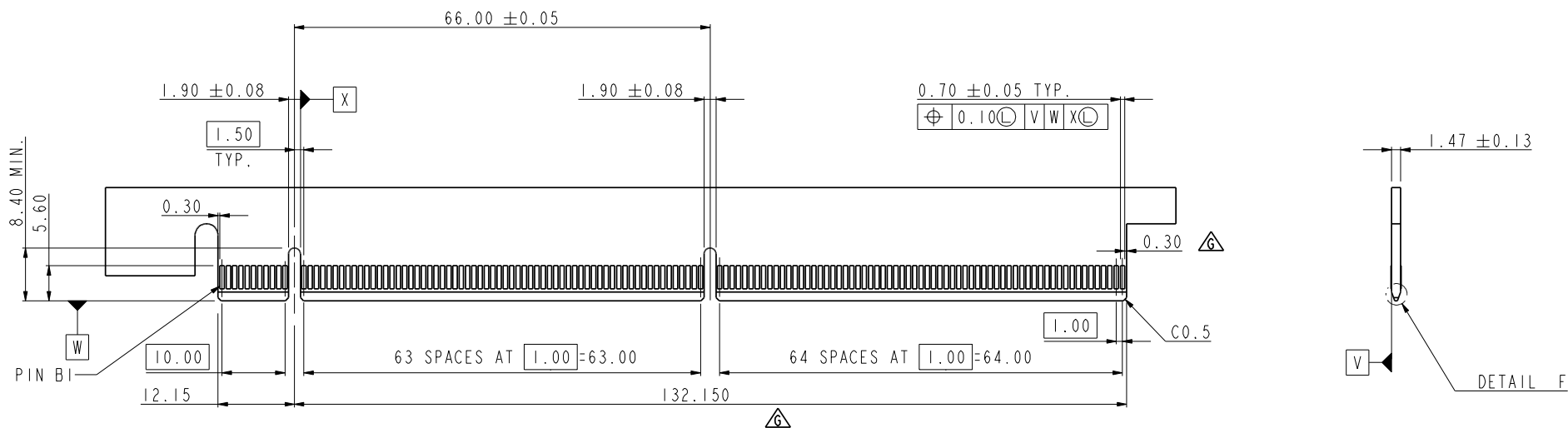
RECOMMENDED FOOTPRINT



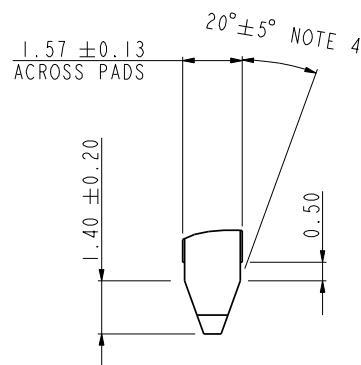
www.fciconnect.com			surface		tolerance std		projection		mm			
			ISO 1302		ISO 406 ISO 1101							
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	MAGGIE WU	08/12/04	ANGULAR	LINEAR	0.X		±0.3		size	A4	Scale 1.000	
Eng	R Y LIU	08/12/04			0.XX		±0.2					
Chr	PAUL WANG	08/12/04			0° ±2°		0.XXX ±0.1					
Appr	JOSEPH HSIA	08/12/04	Product family						ECN *			
			Spec ref						*			
			title			dwg no			10044013			Rev. G
			PCI EXPRESS 280P PRESS FIT STD ASS'Y									
			catalog no			*			CUSTOMER			sheet 2 of 4



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I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



DETAIL F
SCALE 5.000

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 	mm 
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	MAGGIE WU	08/12/04	ANGULAR 0° ±2°	LINEAR	0.X ±0.3		size	A4	Scale
Eng	R Y LIU	08/12/04			0.XX ±0.2				1.000
Chr	PAUL WANG	08/12/04			0.XXX ±0.1		ECN		*
Appr	JOSEPH HSIA	08/12/04	Product family					Spec ref	*
	title	PCI EXPRESS 280P PRESS FIT STD ASS'Y				dwg no	10044013		Rev
	catalog no							CUSTOMER	sheet 3 of 4

REV F - 2006-04-17

PDM: Rev:G

STATUS:Released

4 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

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.

CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

ALL PTH SHOULD BE 0.76~0.83 mm DIA DRILLED AND 0.025 to 0.05 mm

ELECTRO-DEPOSITED COPPER THK ON THROUGH HOLE WALL.

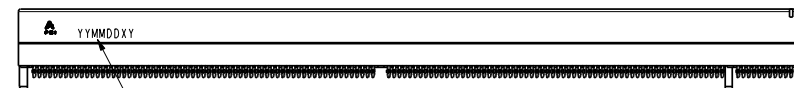
6. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

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.



SCALE 0.700

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

10044013 - 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

RESERVE
0

TAIL LENGTH OPTIONS

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

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 		mm 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	MAGGIE WU	08/12/04	ANGULAR	LINEAR	0.X		±0.3	size A4	Scale 1.000		
Eng	R Y LIU	08/12/04			0.XX		±0.2				
Chr	PAUL WANG	08/12/04			0° ±2°		0.XXX				
Appr	JOSEPH HSIA	08/12/04	Product family						ECN *		
			Spec ref						*		
			title PCI EXPRESS 280P PRESS FIT STD ASS'Y			dwg no 10044013			Rev G		
			catalog no			*			CUSTOMER		sheet 4 of 4