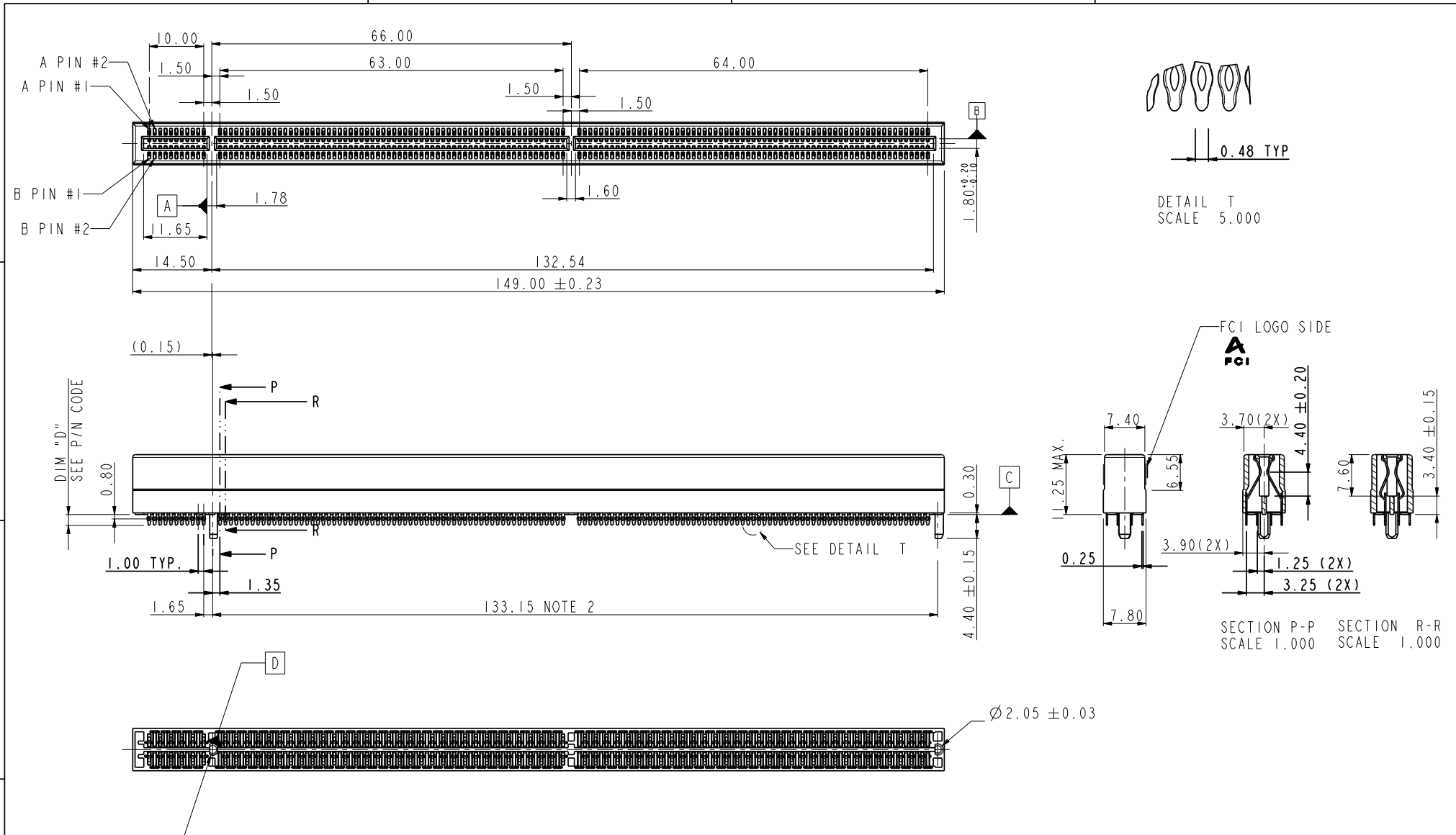




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REV F - 2006-04-17

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

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

1

2

3

4

A

B

C

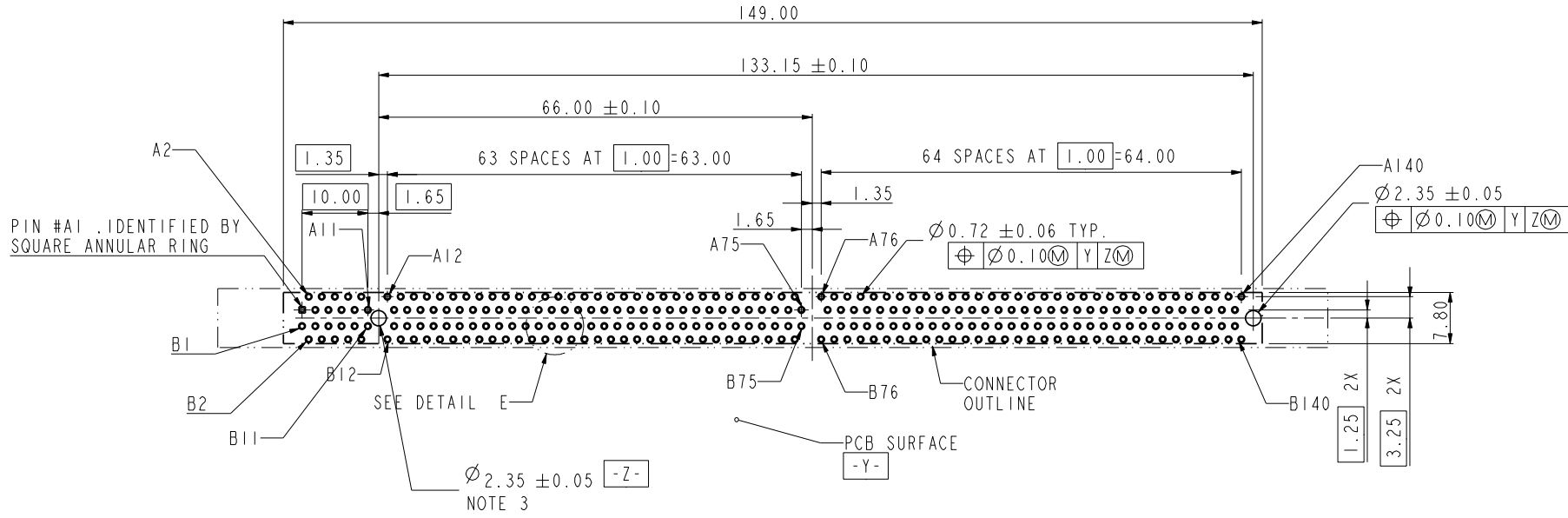
D

A

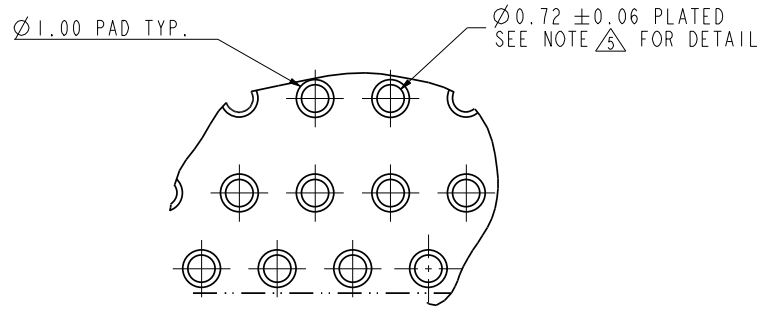
B

C

D



RECOMMENDED FOOTPRINT



DETAIL E
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	LINEAR	0.X	±0.3	size	A4
Eng	R Y LIU	08/12/04	0°	±2°	0.XX	±0.2	Scale	1.000
Chr	PAUL WANG	08/12/04			0.XXX	±0.1	ECN	*
Appr	JOSEPH HSIA	08/12/04	Product family				Spec ref	*
FCI		title		PCI EXPRESS 280P PRESS FIT STD ASS'Y		dwg no		10044013
		catalog no		*		CUSTOMER		Rev. G
								sheet 2 of 4



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A

B

C

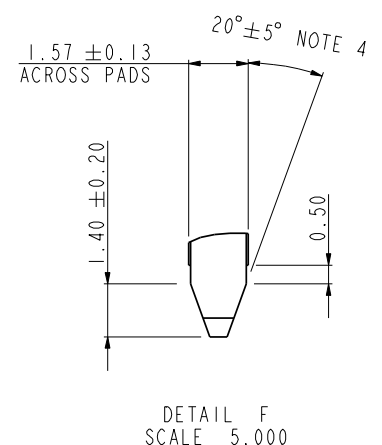
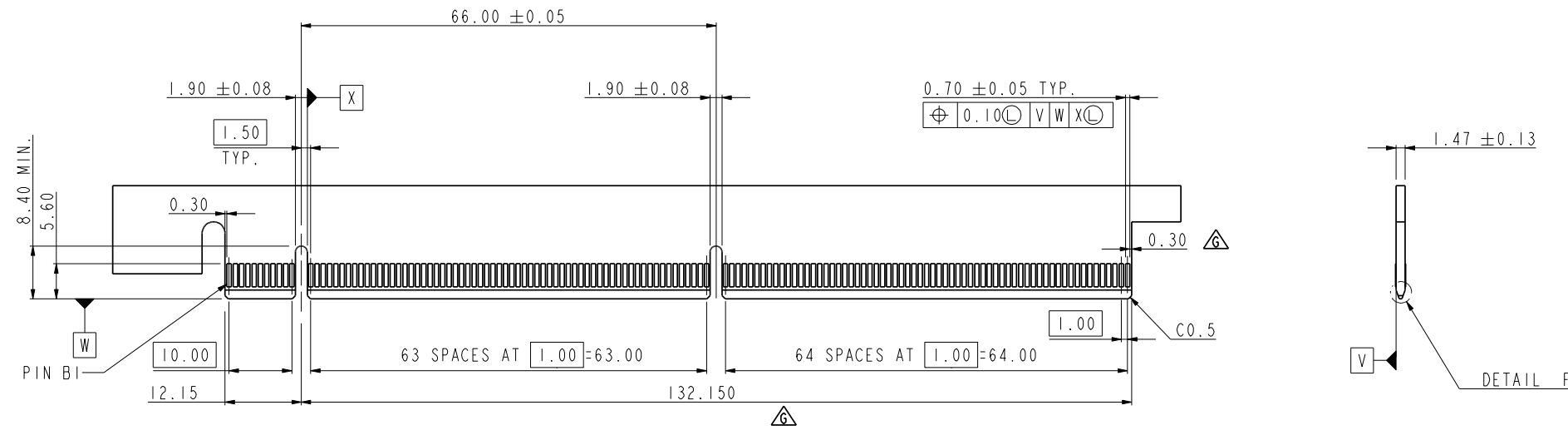
D

A

B

C

D

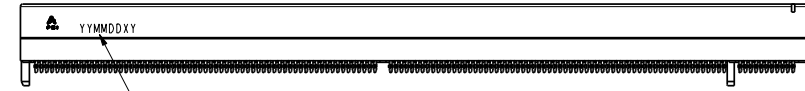


www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED		←→	
Dr	MAGGIE WU	08/12/04	ANGULAR	0.X	±0.3
Eng	R Y LIU	08/12/04	LINEAR	0.XX	±0.2
Chr	PAUL WANG	08/12/04	0° ±2°	0.XXX	±0.1
Appr	JOSEPH HSIA	08/12/04	Product family	ECN	*
title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

REV F - 2006-04-17

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.



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 <input checked="" type="checkbox"/> 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	ECN	*
Chr	PAUL WANG	08/12/04			0.XXX	±0.1		
Appr	JOSEPH HSIA	08/12/04	Product family			Spec ref *		
			title PCI EXPRESS 280P PRESS FIT STD ASS'Y			dwg no 10044013		Rev. G
catalog no			*			CUSTOMER		sheet 4 of 4



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