



1

2

3

4

A

B

C

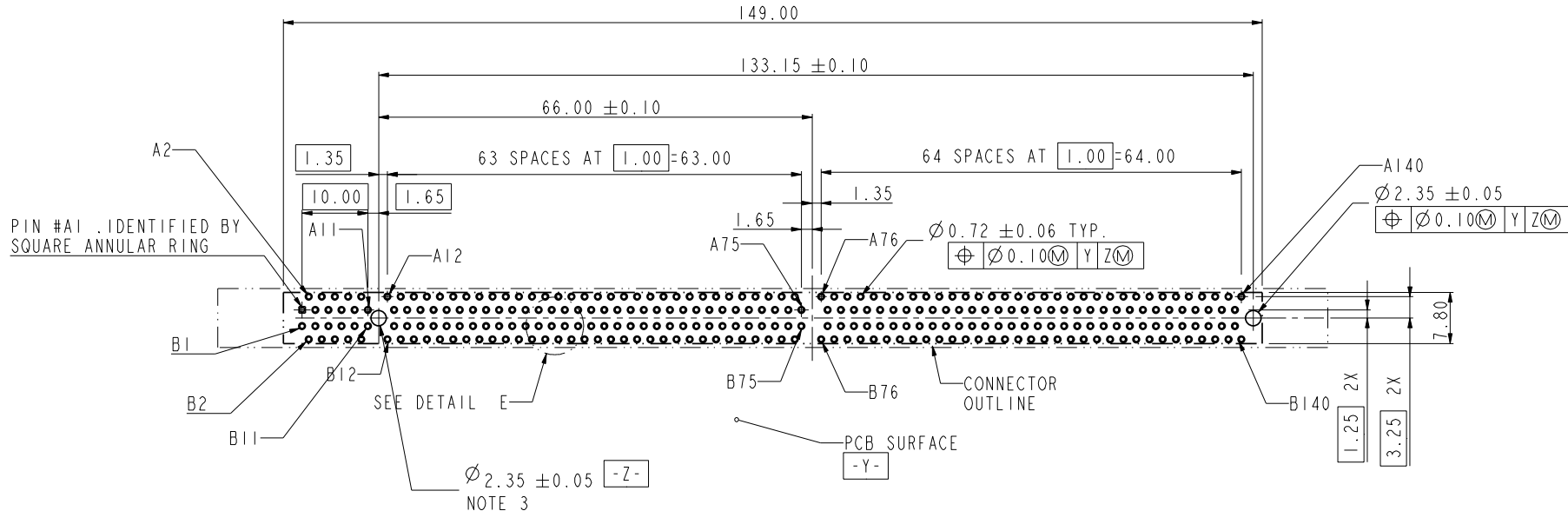
D

A

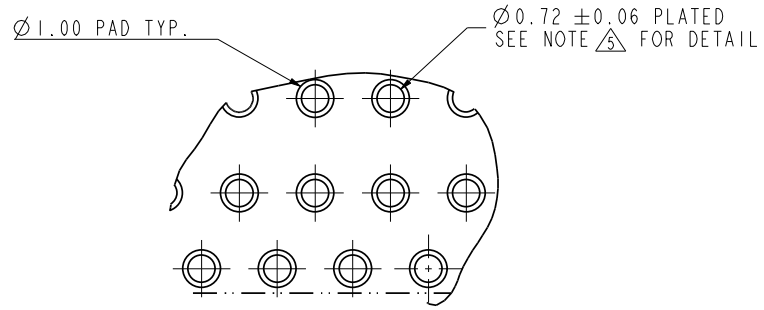
B

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	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		Rev. G
catalog no		dwg no 10044013		sheet 2 of 4
		* CUSTOMER		



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A

B

C

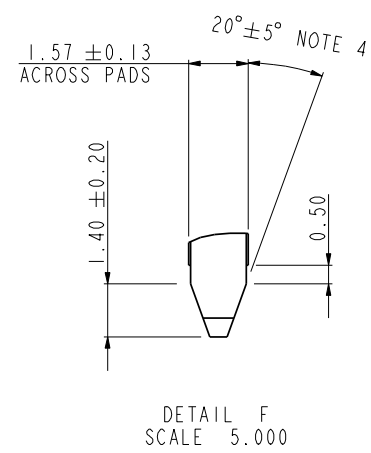
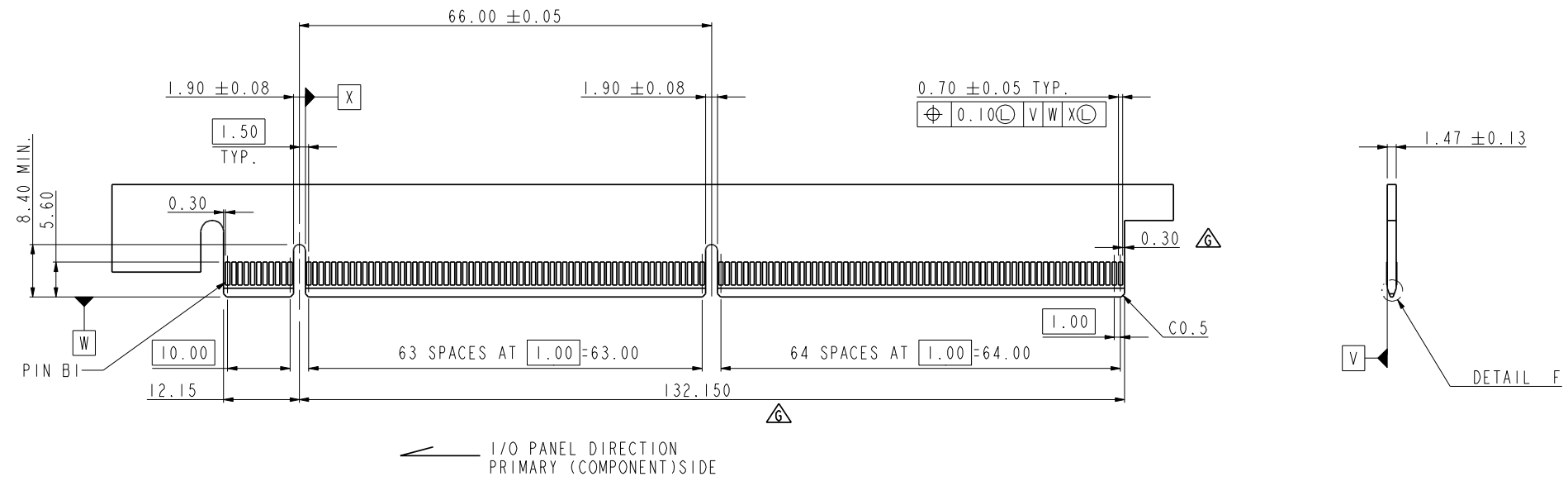
D

A

B

C

D



www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection 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		Rev. G
catalog no		* CUSTOMER		sheet 3 of 4

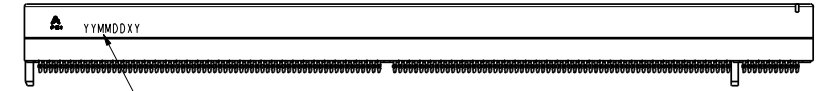
REV F - 2006-04-17

PDM: Rev:G

STATUS:Released

4 Printed: Mar 15, 2011

- 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  $\varnothing 2.35$  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.
  - 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 ISO 1302	tolerance std ISO 406 ISO 1101	projection mm		
			TOLERANCES UNLESS OTHERWISE SPECIFIED		size A4		Scale 1.000
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	ECN *	
Appr	JOSEPH HSIA	08/12/04	Product family			Spec ref *	
FCI			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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