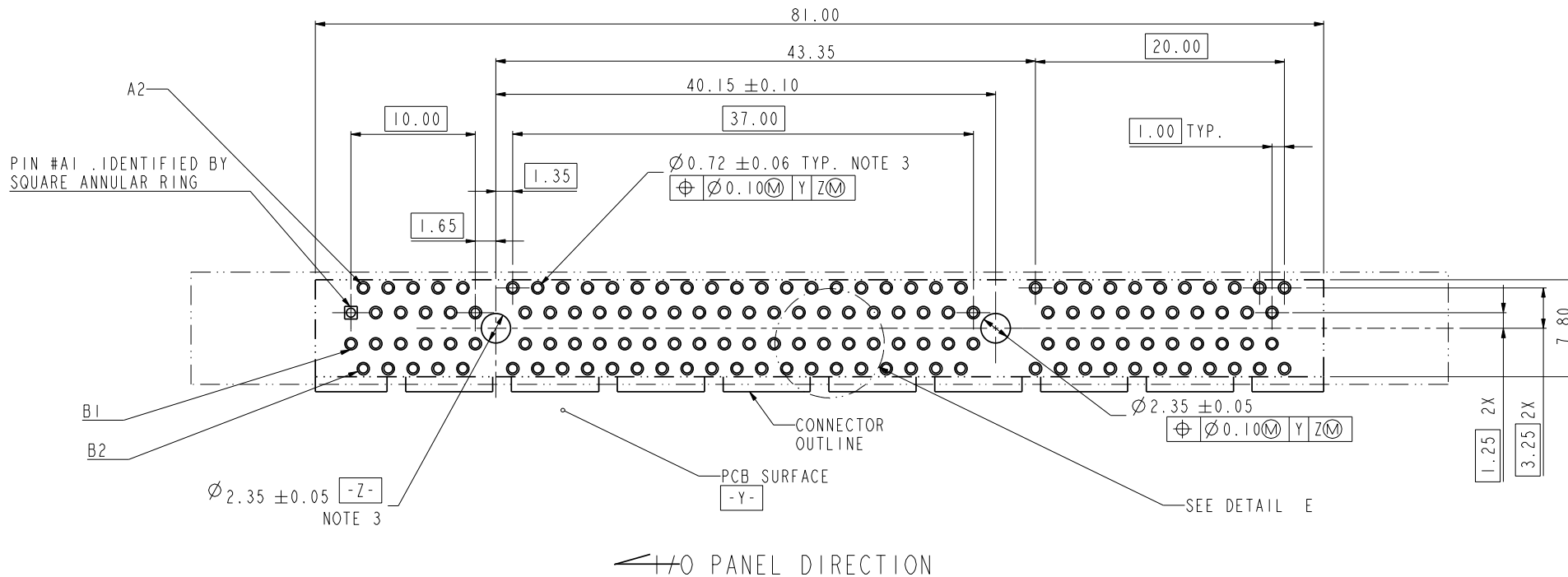


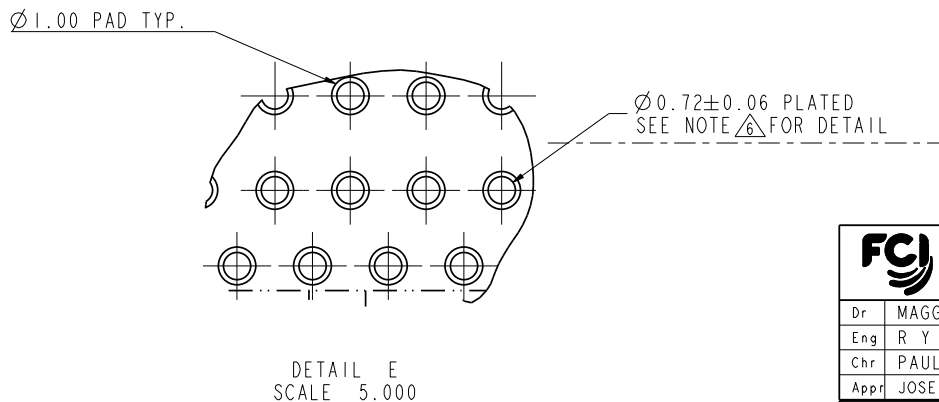
R DRAWING sheet 1 of 5
Printed: Mar 15, 2011

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RECOMMENDED FOOTPRINT



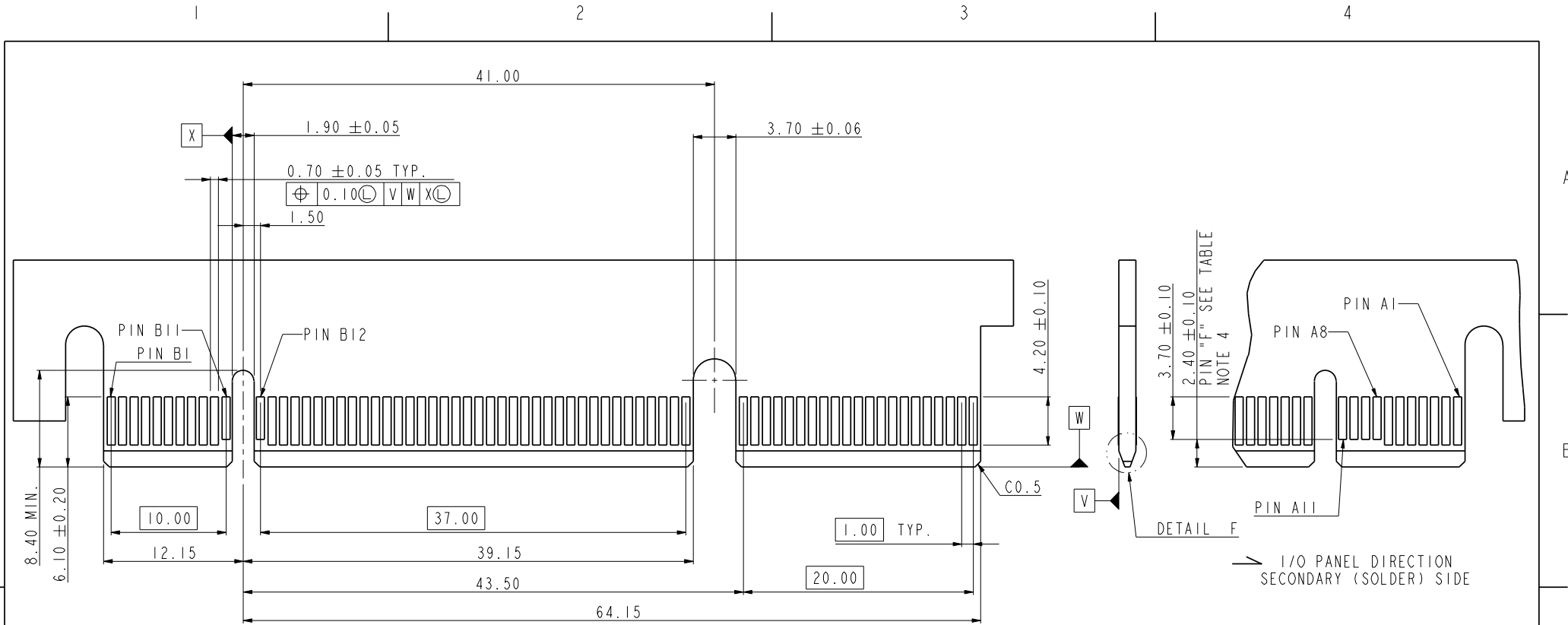
FCI www.fciconnect.com				tolerance	projection	MM
Dr	MAGGIE WU	04/20/05	Product family	size	A4	Scale
Eng	R Y LIU	04/20/05	Spec ref	ECN	DG06-0249	1.000
Chr	PAUL WANG	04/20/05	Material			
Appr	JOSEPH HSIA	04/20/05				
title				PCI Express ExpressModule CARD EDGE 140P PRESS-FIT ASS'Y		Rev.
catalog no				dwg no	10055295	F
PDM: Rev:F				STATUS: Released		Printed: Mar 15, 2011

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

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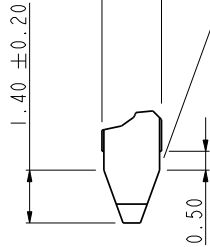


I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE

I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE

1.57 ± 0.13
ACROSS PADS

20° ± 5° NOTE 5



DETAIL F
SCALE 5.000

CONNECTOR LINK WIDE	#POS REF.	"F" NOTE 4
X8E	140	A8,A9,A10,A11 B11,B12

tolerance unless otherwise specified	
linear	.X ± .2 .XX ± .13 .XXX ± .05
angles	0° ± 2°

		www.fciconnect.com				tolerance	projection 	MM 
Dr	MAGGIE WU	04/20/05	Product family			size A4	Scale 1.000	
Eng	R Y LIU	04/20/05	Spec ref					
Chr	PAUL WANG	04/20/05	Material			ECN	DG06-0249	
Appr	JOSEPH HSIA	04/20/05						
title		PCI Express ExpressModule CARD EDGE 140P PRESS-FIT ASS'Y				dwg no	10055295	Rev. F
catalog no		PDM: Rev:F				STATUS: Released		
						CUSTOMER DRAWING sheet 3 of 5		
						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.

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 PLATED THRU HOLES SHOULD BE 0.76~0.83 mm DIA DRILLED AND 0.025mm ~ 0.05mm.

ELECTRO-DEPOSITED COPPER THK ON THROUGH HOLE WALL.

7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

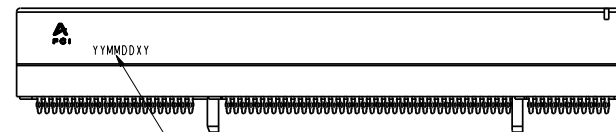
a-PLATING:

- "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

10 SECONDS IN A REFLOW SOLDER APPLICATION WITH A 2.36mm AND 4.19mm 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

10055295 - 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

3-50u" Ni UNDERPLATE
30u" Au CONTACT AREA

100u" TIN/LEAD TAIL AREA -----RoHS COMPLIANT EXCEPT Pb

LEAD FREE OPTION
"LF" FOR TERMINAL PLATING OPTION 0
LEAVE BLANK FOR TERMINAL PLATING OPTION 3

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

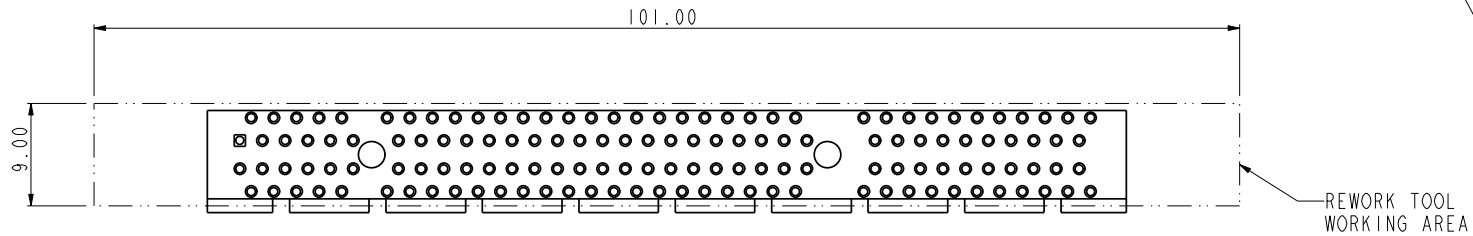
tolerance unless otherwise specified	
linear	.X ± .3 .XX ± .2 .XXX ± .1
angles	0° ± 2°

FCI www.fciconnect.com		✓	tolerance	projection	MM
Dr	MAGGIE WU	04/20/05	Product family	size	A4
Eng	R Y LIU	04/20/05	Spec ref	Scale	1.000
Chr	PAUL WANG	04/20/05	Material	ECN	DG06-0249
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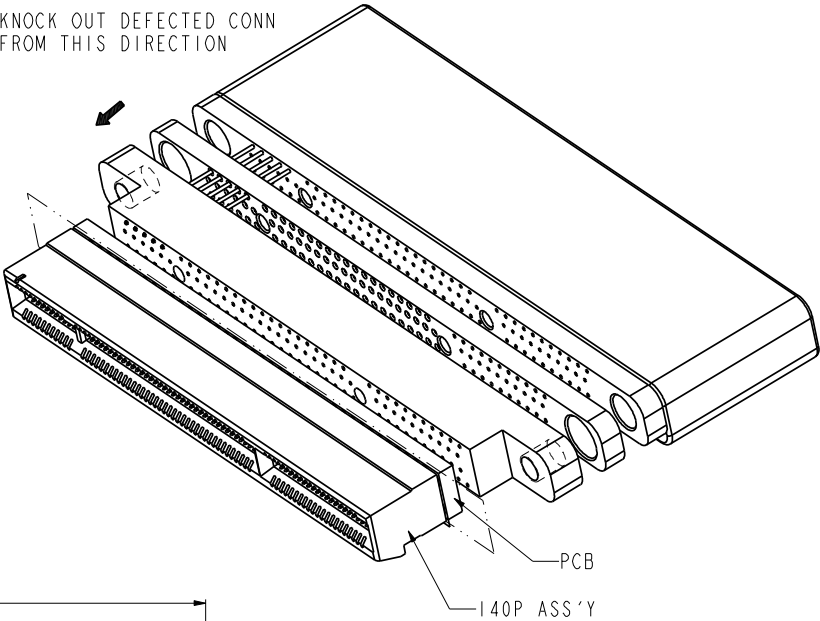


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I40P
SCALE 1.500

KNOCK OUT DEFECTED CONN
FROM THIS DIRECTION



		www.fciconnect.com				tolerance	projection 	MM 	
Dr	MAGGIE WU	04/20/05	Product family			size A4	Scale 1.000		
Eng	R Y LIU	04/20/05	Spec ref						
Chr	PAUL WANG	04/20/05	Material			ECN		DG06-0249	
Appr	JOSEPH HSIA	04/20/05							
title			PCI Express ExpressModule CARD EDGE I40P PRESS FIT ASS'Y			dwg no 10055295		Rev. F	
catalog no			PDM: Rev:F			CUSTOMER		sheet 5 of 5	
			STATUS: Released			Printed: Mar 15, 2011			