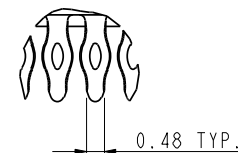
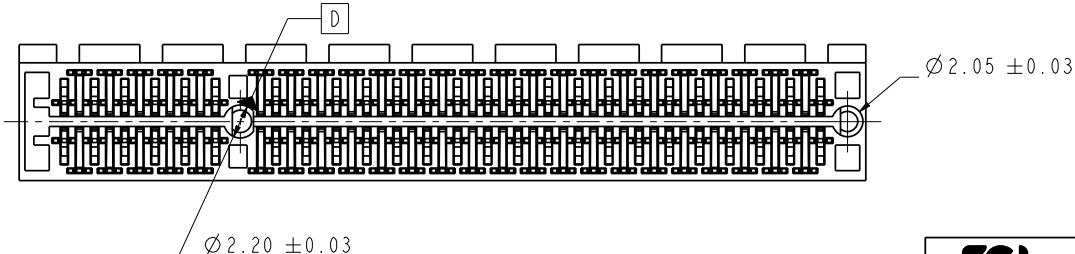
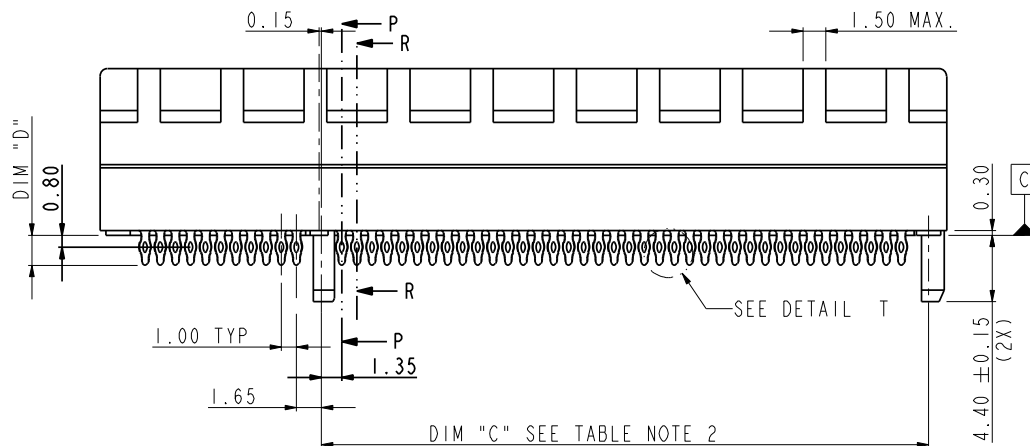
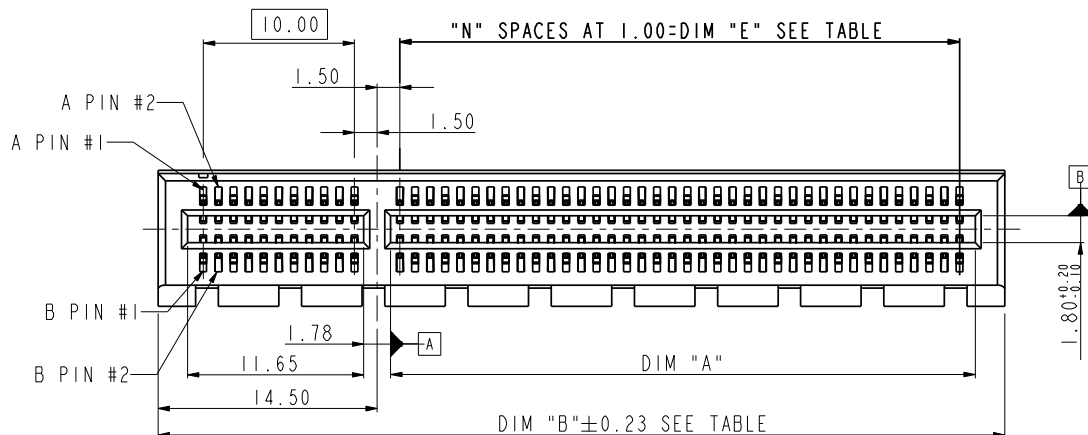
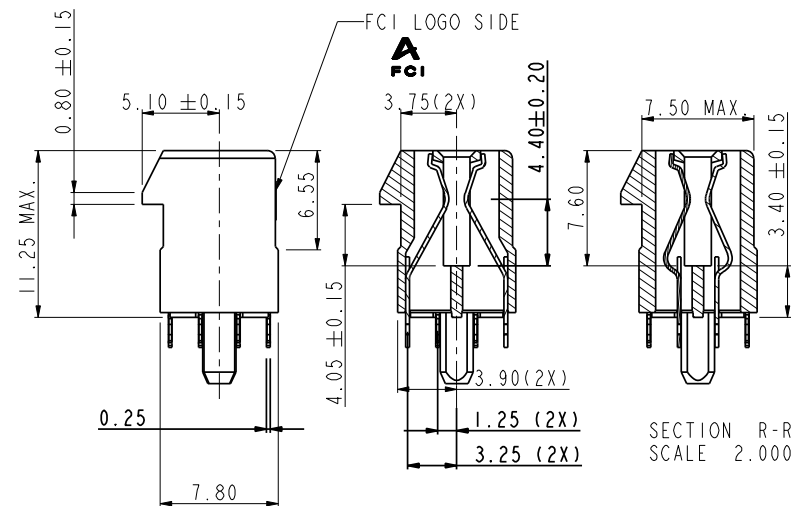


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DETAIL T
SCALE 5.000



SECTION P-P
SCALE 2.000

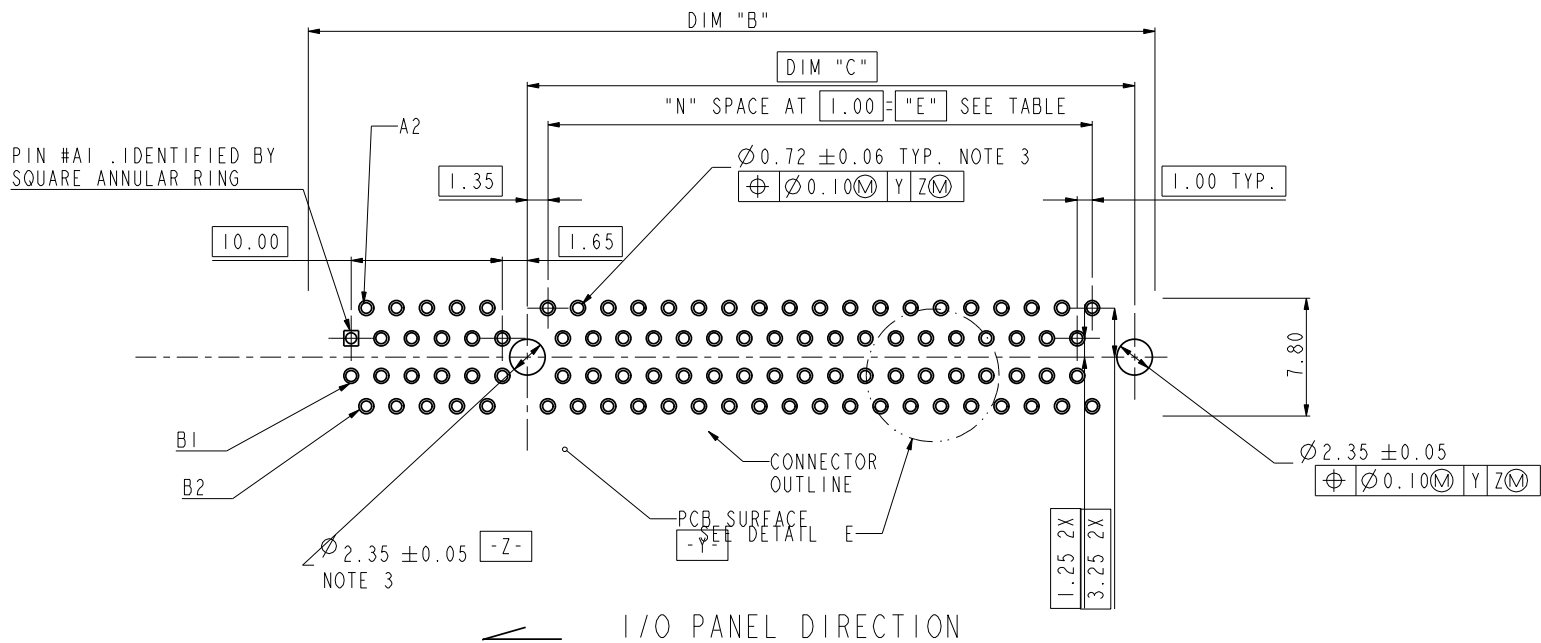
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linear	.X ± .3 .XX ± .2 .XXX ± .1 0° ± 2°
angles	

		www.fciconnect.com		✓		tolerance		projection	
Dr		MAGGIE WU		09/26/05		Product family		size	
Eng		R Y LIU		09/26/05		Spec ref		A4	
Chr		PAUL WANG		09/26/05		Material		ECN	
Appr		JOSEPH HSIA		09/26/05				DG06-0276	
title		PCI Express STAND-OFF 0.3 mm		dwg no		10060018		Rev.	
catalog no		PDM: Rev:C		STATUS: Released		CUSTOMER DRAWING		C	
								sheet 1 of 6	
								Printed: Mar 15, 2011	

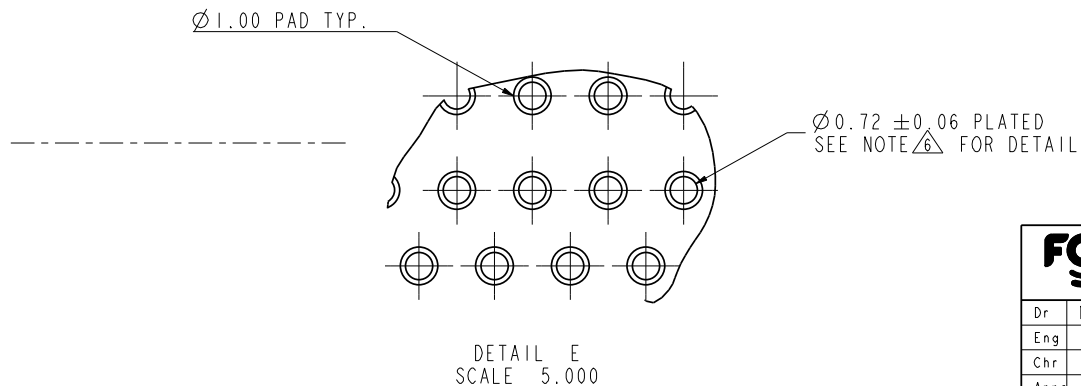
rev	ecn no	dr	date
A	T06-0001	M W	01/05/06
B	DG06-0161	P M	04/11/06
C	DG06-0276	P M	07/05/06

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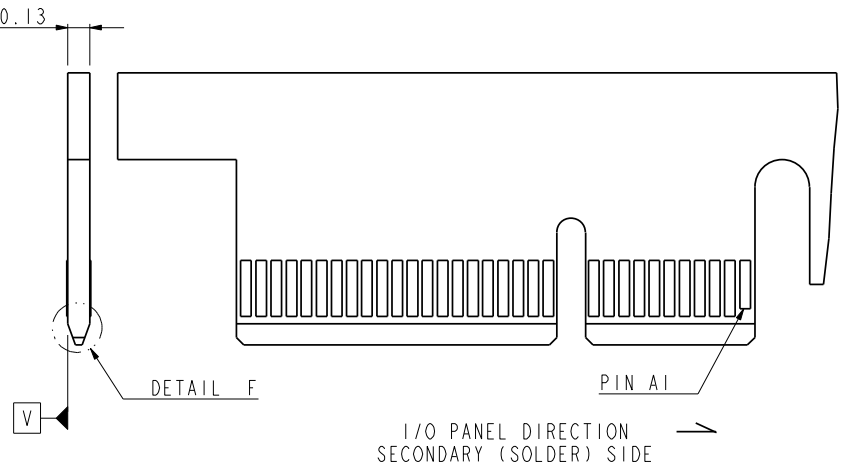
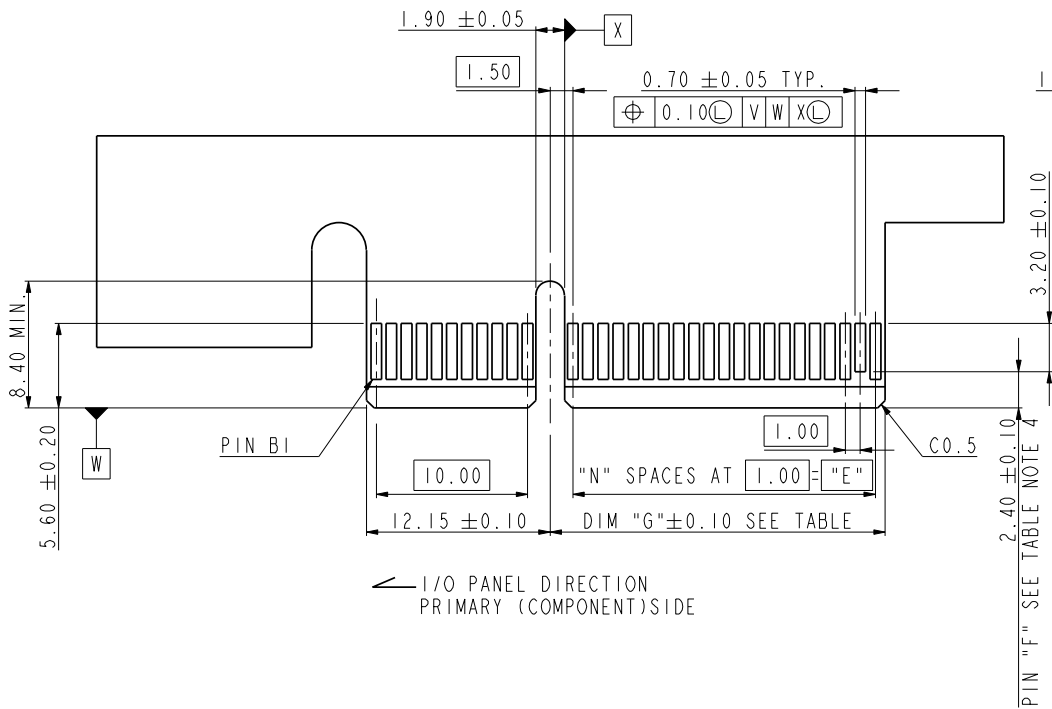
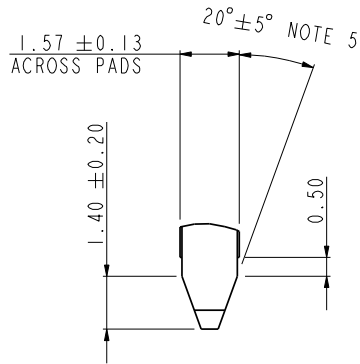
RECOMMENDED FOOTPRINT



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

FCI www.fciconnect.com		✓	tolerance	projection	MM
Dr	MAGGIE WU	09/26/05	Product family	size	Scale
Eng	R Y LIU	09/26/05	Spec ref	A4	1.000
Chr	PAUL WANG	09/26/05	Material	ECN	DG06-0276
Appr	JOSEPH HSIA	09/26/05			
title			PCI Express STAND-OFF 0.3 mm PRESS-FIT ASS'Y		Rev.
catalog no			dwg no	10060018	C
PDM: Rev:C			STATUS: Released		
			CUSTOMER DRAWING sheet 2 of 6 Printed: Mar 15, 2011		

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

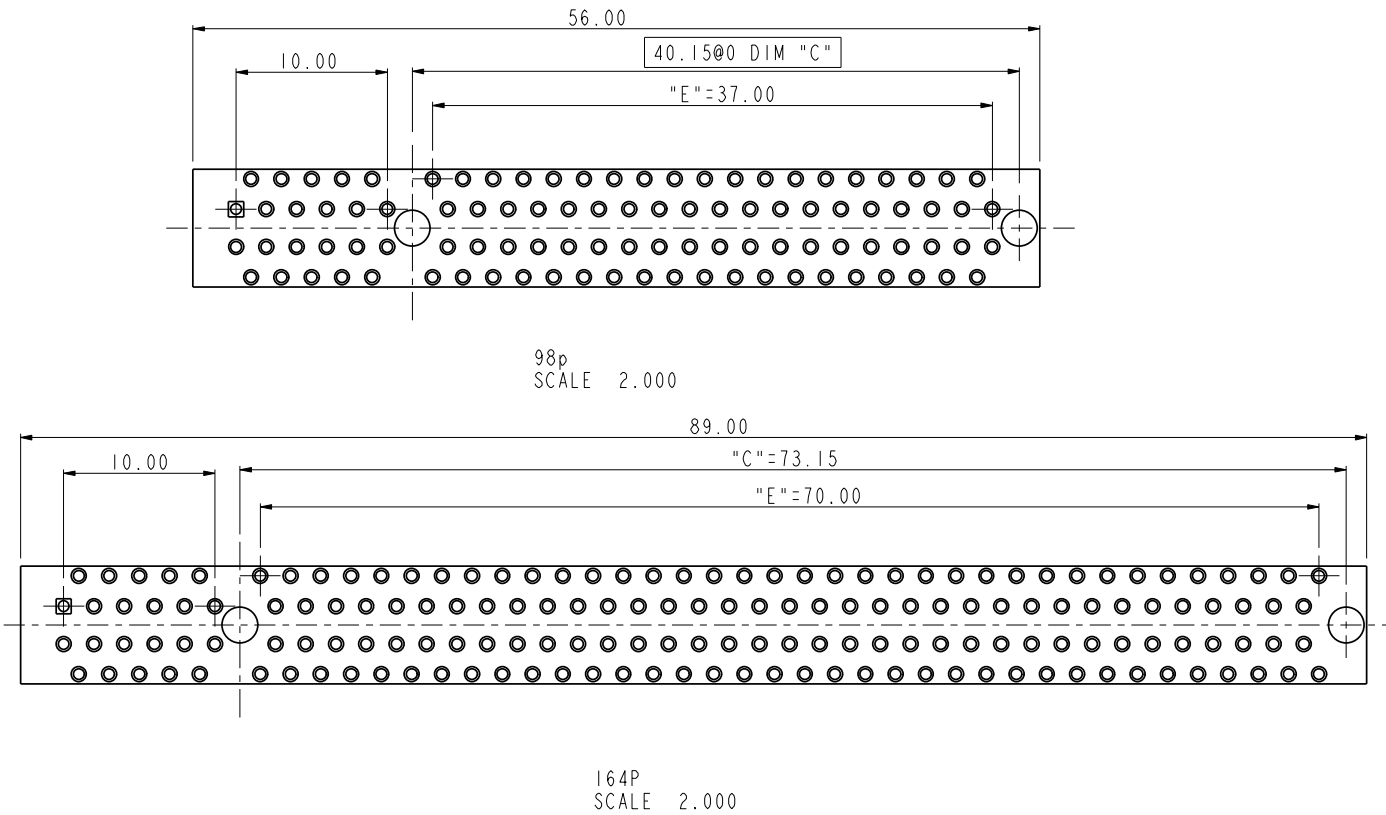


		www.fciconnect.com				tolerance									
Dr	MAGGIE WU		09/26/05		Product family				size		Scale				
Eng	R Y LIU		09/26/05		Spec ref				A4		1.000				
Chr	PAUL WANG		09/26/05		Material				ECN		DG06-0276				
Appr	JOSEPH HSIA		09/26/05												
title					PCI Express STAND-OFF 0.3 mm PRESS-FIT ASS'Y					dwg no		10060018		Rev. C	
catalog no					PDM: Rev C					CUSTOMER DRAWING sheet 3 of 6					

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RECOMMENDED FOOTPRINT LAYOUT

 www.fciconnect.com			✓	tolerance	projection	MM
Dr	MAGGIE WU	09/26/05	Product family		size	Scale
Eng	R Y LIU	09/26/05	Spec ref		A4	1.000
Chr	PAUL WANG	09/26/05	Material		ECN	DG06-0276
Appr	JOSEPH HSIA	09/26/05				
title				PCI Express STAND-OFF 0.3 mm PRESS-FIT ASS'Y		Rev.
catalog no				dwg no	10060018	C
PDM: Rev:C				CUSTOMER		sheet 4 of 6
STATUS: Released				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 PTH SHOULD BE 0.76-0.83 mm DIA DRILLED AND 0.025-0.05 mm.

ELECTRO-DEPOSITED COPPER THK ON THROUGH HOLE WALL.

7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

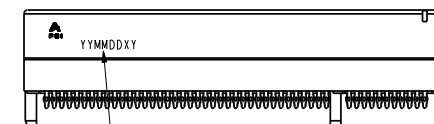
a-PLATING:

- "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
5 SECONDS IN A REFLOW SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

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 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

10060018 - 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

POS OPTIONS

0-36
1-64
2-98
3-164

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°

www.fciconnect.com			tolerance	projection	MM
Dr	MAGGIE WU	09/26/05	Product family	size	Scale
Eng	R Y LIU	09/26/05	Spec ref	A4	1.000
Chr	PAUL WANG	09/26/05	Material	ECN	DG06-0276
Appr	JOSEPH HSIA	09/26/05			

title	PCI Express STAND-OFF 0.3 mm PRESS-FIT ASS'Y	dwg no	10060018	Rev.	C
catalog no					

PDM: Rev:C

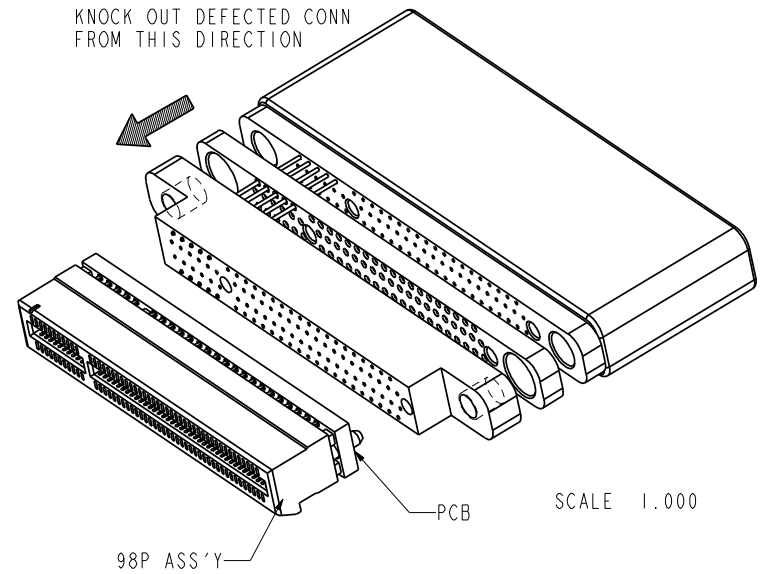
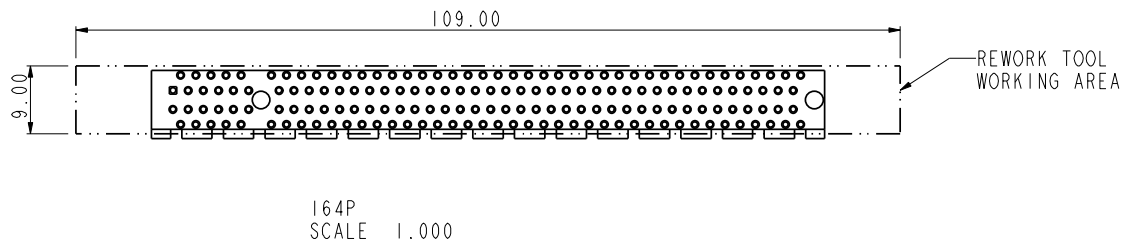
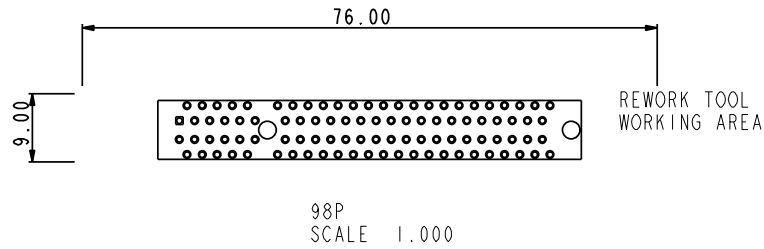
STATUS: Released

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

		www.fciconnect.com				tolerance									
Dr	MAGGIE WU	09/26/05	Product family			size			Scale						
Eng	R Y LIU	09/26/05	Spec ref			A4			1.000						
Chr	PAUL WANG	09/26/05	Material			ECN			DG06-0276						
Appr	JOSEPH HSIA	09/26/05													
title			PCI Express STAND-OFF 0.3 mm PRESS-FIT ASS'Y						dwg no		10060018		Rev. C		
catalog no			PDM: Rev:C						CUSTOMER DRAWING		sheet 6 of 6				
STATUS: Released														Printed: Mar 15, 2011	