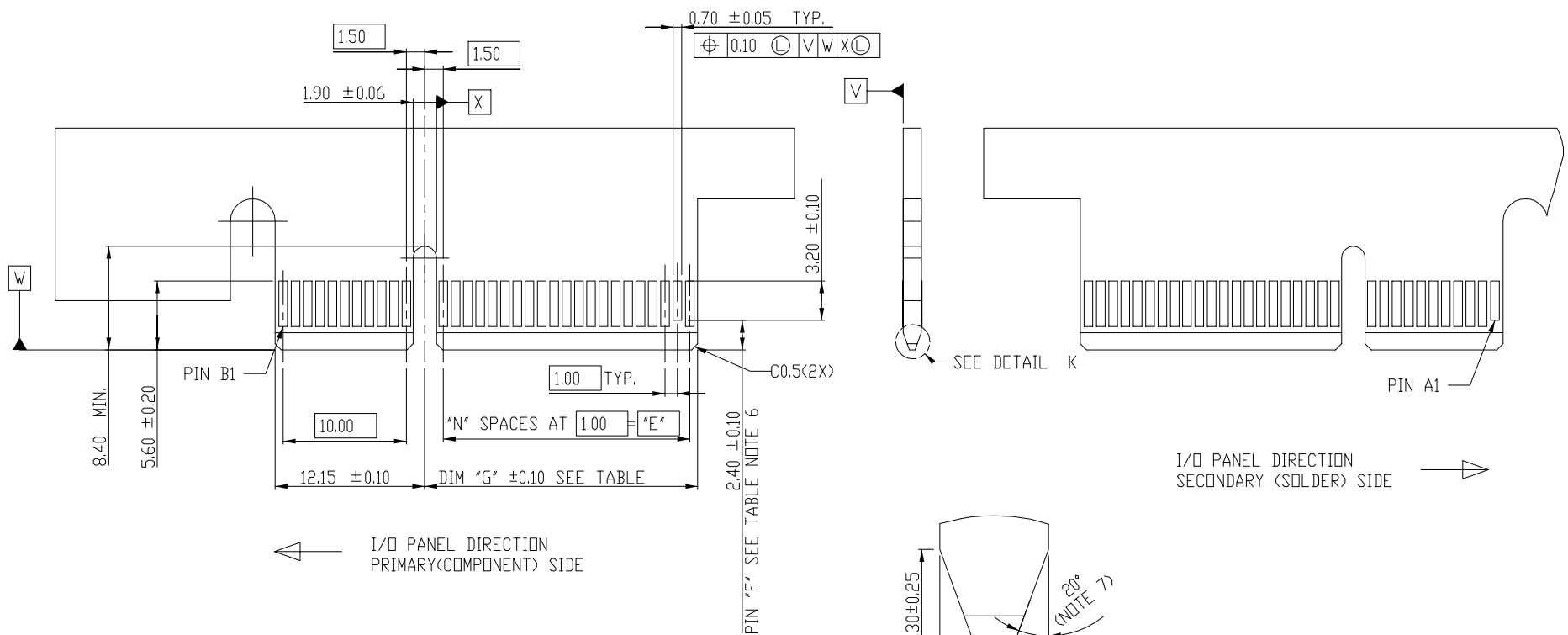



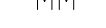

D



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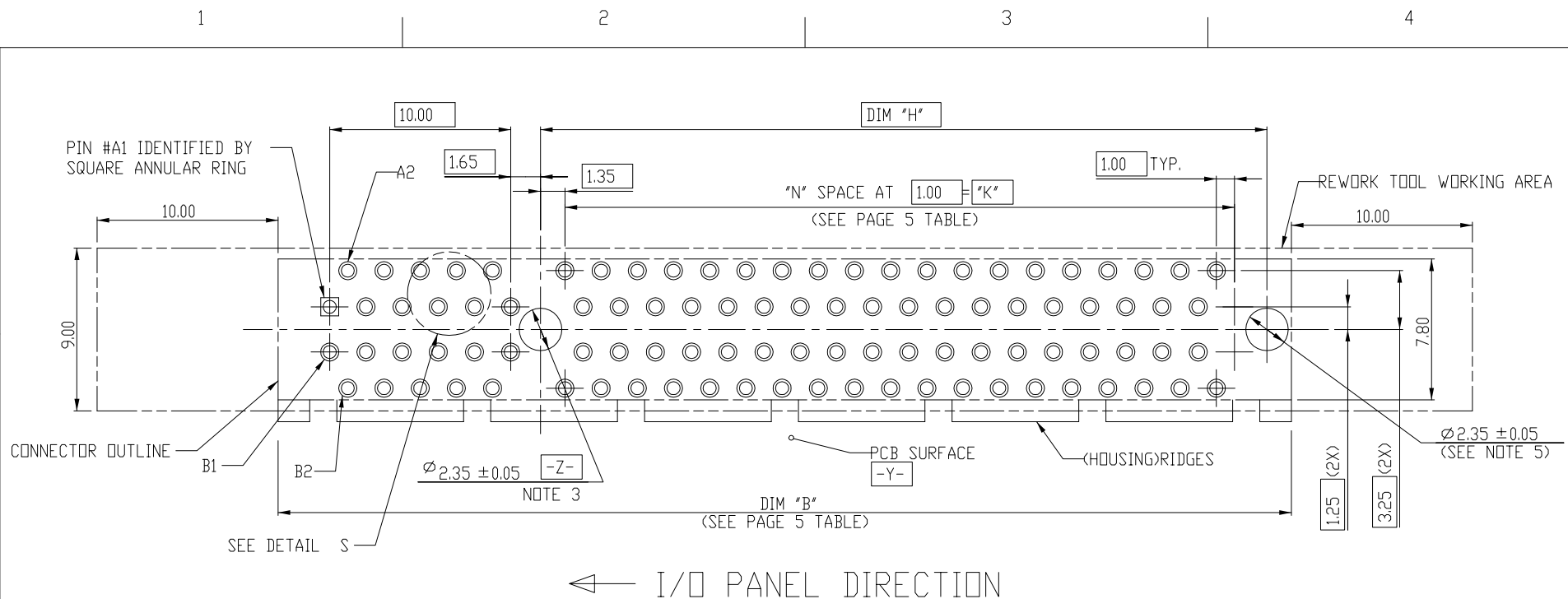


PDS. REF.	N	DIM "G"	"F"
36	6	8.15	B17
64	20	22.15	B31
98	37	39.15	B48
164	70	72.15	B81

www.fciconnect.com			surface <input checked="" type="checkbox"/>		tolerance std		projection 		MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	Richard Chiu	09/23/2008	ANGULAR	LINEAR	0.X	±0.25	size A4	Scale 1.000		
Eng	Richard Chiu	09/23/2008			0.XX	±0.15				
Chr	Paul Wang	09/23/2008	0°	±5°	0.XXX	±0.10	ECN	DG-008068		
Appr	Joseph Hsia	09/23/2008	Product family					Spec ref		
			title PCIE GENERATION II EXPRESS MODULE PRESS-FIT ASSEMBLY				dwg no 10092852		Rev. D	
			catalog no				-		CUSTOMER	

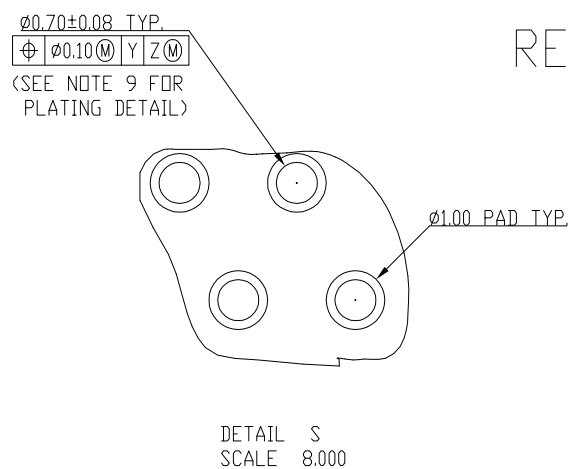
REV 11 2006-04-17





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POS. REF.	N	DIM "H"	DIM "K"
36	6	9.15	6.00
64	20	23.15	20.00
98	37	40.15	37.00
164	70	73.15	70.00

## RECOMMENDED FOOTPRINT



www.fciconnect.com			surface 		tolerance std		projection 		MM 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	Richard Chiu	09/23/2008	ANGULAR		LINEAR	0.X	±0.25	size A4	Scale 1.000			
Eng	Richard Chiu	09/23/2008				0.XX	±0.15					
Chr	Paul Wang	09/23/2008				0°	±5°		0.XXX	±0.10	ECN	DG-008068
Appr	Joseph Hsia	09/23/2008	Product family						Spec ref			
			title			PCIE GENERATION II			dwg no		10092852	Rev
			EXPRESS MODULE PRESS-FIT ASSEMBLY									D
catalog no			-			CUSTOMER			sheet 3 of 6			



## NOTES:

## 1. MATERIAL:

HOUSING: HIGH PERFORMANCE RESIN, GLASS FILLED UL94V-0 RATED

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER TERMINAL

CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE

CONTACT TAIL: TIN OR Sn/Pb - 100u" MIN. OVER 50u" NICKEL

## 2. P/N SEE TABLE AND PRODUCT NUMBER CODE : DESH-XXXXXTLF FOR TRAY PACKAGING.

## 3. PACKAGING SPECIFICATION: GS-14-974

## 4. PRODUCT SPECIFICATION : GS-12-584

△ 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.

△ DIMENSION APPLIES AT CENTER OF PLASTIC PEGS, DIMENSION SHOWN IS TO CENTER LINE OF PEGS.

△ ALL PTH SHOULD BE 0.70~0.82 mm DIA DRILLED AND 0.025 mm MIN. ELECTRO-DEPOSITED COPPER THK ON THROUGH HOLE WALL.

## 10. PRODUCT RoHS DEFINITIONS:

a-IF TERMINAL PLATING OPTION IS "0,1 OR 2" WHICH MEANS PRODUCT IS 'RoHS COMPATIBLE'. THERE WILL BE "LF" SUFFIX IN THE END.

b-IF TERMINAL PLATING OPTION IS "3,4 OR 5" WHICH MEANS PRODUCT IS 'RoHS COMPLIANT'. THERE WILL BE NO "LF" SUFFIX IN THE END.

c-"LF" MEANS THE PRODUCT IS LEAD-FREE, 2um MINIMUM MATTE TIN OVER 1.27um MINIMUM NICKEL UNDERPLATE.

## 11. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.

10092852 - X X X X X X X X X

HOUSING COLOR OPTION:

1: BLACK

0: NON-RIDGE TYPE

1: RIDGE TYPE

(SEE SIDE VIEW OF THIS PAGE)

TERMINAL PLATING OPTIONS

0-50u" Ni UNDERPLATE

30u" Au CONTACT AREA

100u" TIN TAIL AREA -----RoHS COMPATIBALE

1-50u" Ni UNDERPLATE

15u" Au CONTACT AREA

100u" TIN TAIL AREA -----RoHS COMPATIBALE

2-50u" Ni UNDERPLATE

GOLD FLASH CONTACT AREA

100u" TIN TAIL AREA -----RoHS COMPATIBALE

3-50u" Ni UNDERPLATE

30u" Au CONTACT AREA

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

4-50u" Ni UNDERPLATE

15u" Au CONTACT AREA

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

5-50u" Ni UNDERPLATE

GOLD FLASH CONTACT AREA

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

LEAD FREE OPTION

"LF": LEAD-FREE (FOR TERMINAL PLATING OPTION 0,1,2)

"□□": NOT LEAD-FREE (FOR TERMINAL PLATING OPTION 3,4,5)

PACKAGING OPTIONS

T-TRAY PACKAGING

PDS OPTIONS

0-36

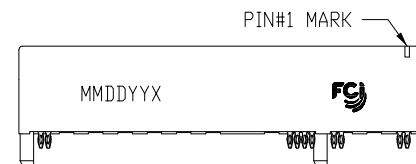
1-64

2-98

3-164

TAIL LENGTH OPTIONS

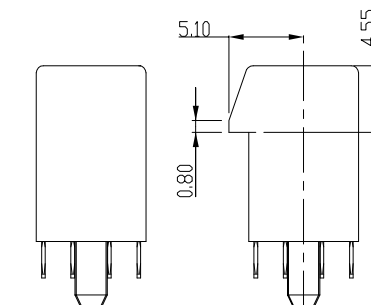
	DIM "D"	PCB THICKNESS
0	2.00±0.20	2.36
1	3.25±0.20	4.19



DATE CODE:

MMDDYY:MONTH/DAY/YEAR

X: "K" - GEN.2 MARK



NON RIDGE TYPE

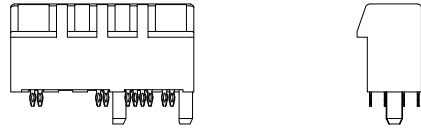
RIDGE TYPE

www.fciconnect.com			surface <input checked="" type="checkbox"/>	tolerance std	projection	MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED			Scale	
Dr	Richard Chiu	09/23/2008	ANGULAR	LINEAR	0.X	±0.25	A4
Eng	Richard Chiu	09/23/2008			0.XX	±0.15	
Chr	Paul Wang	09/23/2008	0°	±5°	0.XXX	±0.10	ECN
Appr	Joseph Hsia	09/23/2008	Product family			Spec ref	
FCI			title			no	Rev.
			PCIE GENERATION II			10092852	D
			EXPRESS MODULE PRESS-FIT ASSEMBLY				
			catalog no			CUSTOMER	sheet 4 of 6

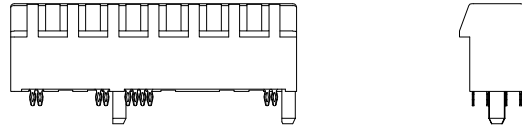


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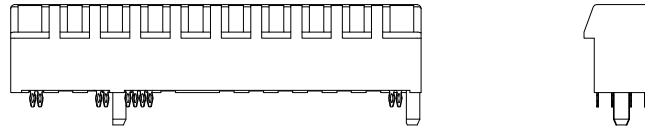
REV 11 2006-04-17



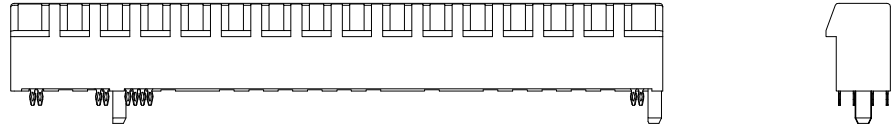
36 PIN RIDGE TYPE FRONT VIEW



64 PIN RIDGE TYPE FRONT VIEW

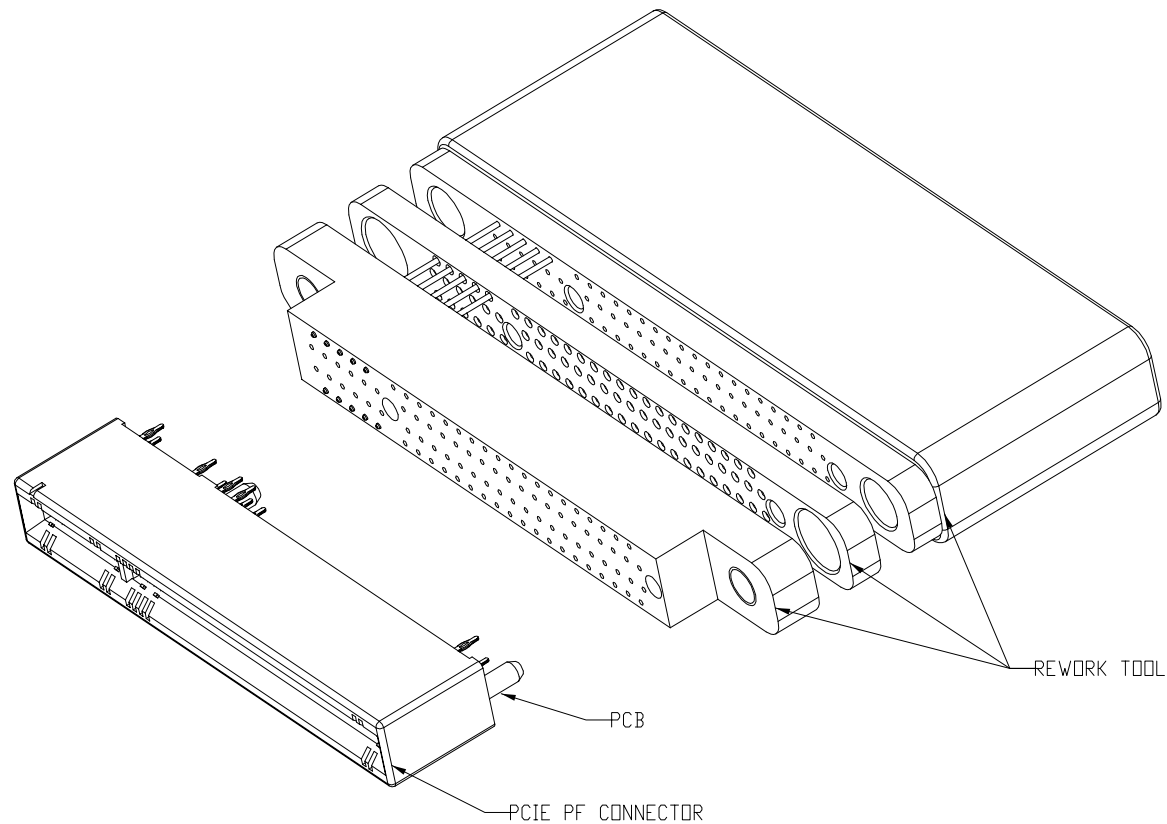


98 PIN RIDGE TYPE FRONT VIEW



164 PIN RIDGE TYPE FRONT VIEW

www.fciconnect.com			surface	✓	tolerance std	projection	MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED			⊕	↔	
Dr	Richard Chiu	09/23/2008	ANGULAR	LINEAR	0.X	±0.25	size	Scale
Eng	Richard Chiu	09/23/2008			0.XX	±0.15	A4	1.000
Chr	Paul Wang	09/23/2008	0°	±5°	0.XXX	±0.10	ECN	DG-008068
Appr	Joseph Hsia	09/23/2008	Product family				-	Spec ref
		title				dwg no		Rev.
		PCIE GENERATION II EXPRESS MODULE PRESS-FIT ASSEMBLY				10092852		D
		catalog no				-	CUSTOMER	sheet 5 of 6



CONNECTOR REWORK TOOL & ILLUSTRATION  
(SEE APPLICATION SPECIFICATION GS-20-117  
FOR DETAILS)

PRODUCT DIMENSION TABLE FOR EACH TYPES

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

www.fciconnect.com			surface <input checked="" type="checkbox"/>	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	Richard Chiu	09/23/2008	ANGULAR	LINEAR	0.X	±0.25
Eng	Richard Chiu	09/23/2008			0.XX	±0.15
Chr	Paul Wang	09/23/2008	0°	±5°	0.XXX	±0.10
Appr	Joseph Hsia	09/23/2008	Product family			Spec ref
			title PCIE GENERATION II EXPRESS MODULE PRESS-FIT ASSEMBLY			no 10092852
catalog no			CUSTOMER			Rev. D
						sheet 6 of 6

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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