

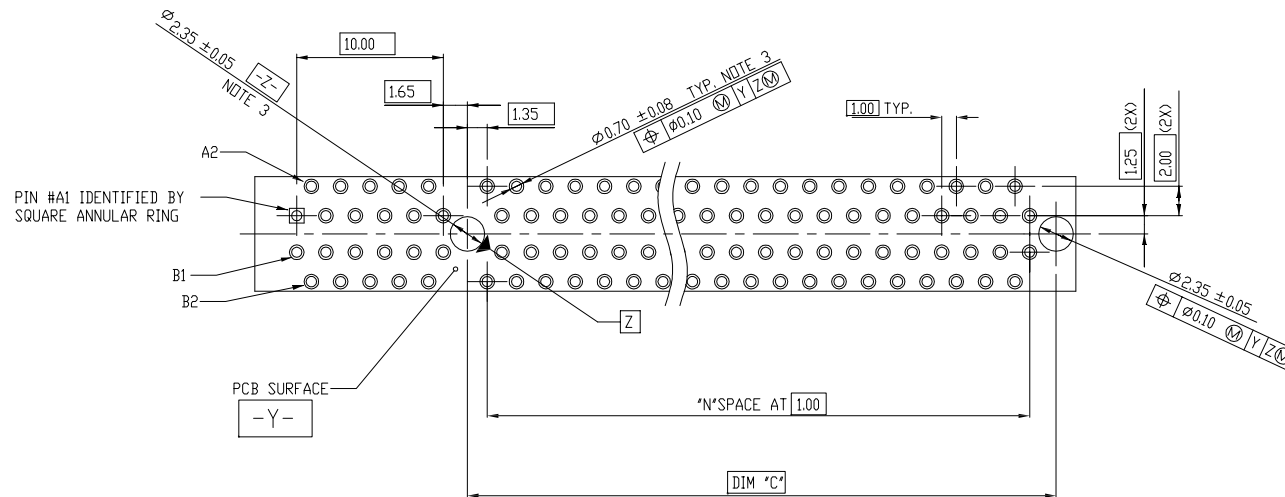
#	POS	REF.	N	DIM "A"	DIM "B"	DIM "C"
98P	37			38.65	56.00	40.15
164P	70			71.65	89.00	73.15

rev	ecn no	dr	date
A	T09-1004	JH	1/19/2009
B	T11-0003	JH	1/14/2011
C	ELX-06-2161-1	ST	05/27/15

www.fciconnect.com			surface <input checked="" type="checkbox"/>	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	STONE LI	05/27/15	ANGULAR	LINEAR	size A4	Scale N/A
Eng	STONE LI	05/27/15	0° ± 2°		ECN	/
Chr	/	/	Product family		Spec ref	
Appr	PM ZHENG	05/27/15				
FCI			title PCI EXPRESS EXTENDED HEIGHT THROUGH HOLE TYPE CONNECTOR GEN3 C		dwg no 10086666 Rev. C	
catalog no			CUSTOMER		sheet 1 of 4	



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#	POS	REF.	N	DIM "C"
	98P		37	40.15
	164P		70	73.15

www.fciconnect.com			surface <input checked="" type="checkbox"/>	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	STONE LI	05 27 15	ANGULAR	LINEAR	size	Scale
Eng	STONE LI	05/27/15	0° ±2°	0.X ±0.30	A4	N/A
Chr	/	/	0° ±2°	0.XX ±0.20	ECN	/
Appr	PM ZHENG	05/27/15	Product family		Spec ref	
FCI			title		dwg no	Rev.
			PCI EXPRESS EXTENDED HEIGHT THROUGH HOLE TYPE CONNECTOR GEN3		10086666	C
			catalog no		CUSTOMER	sheet 2 of 4

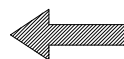
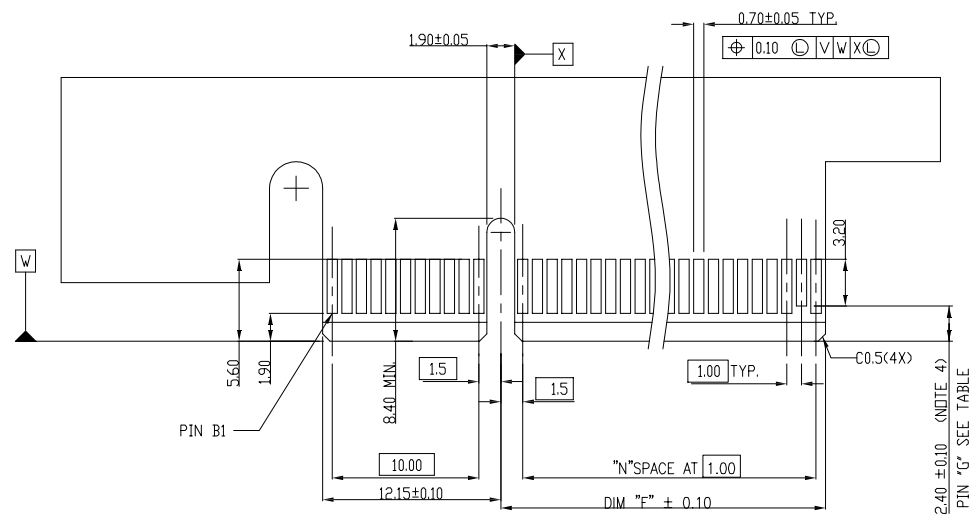
1 2 3 4

A

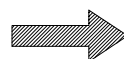
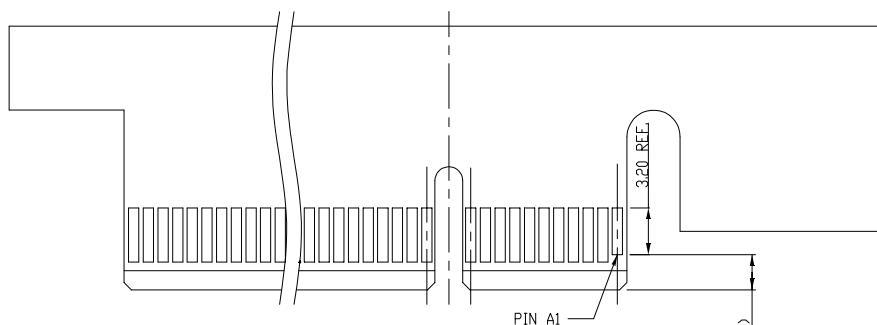
B

C

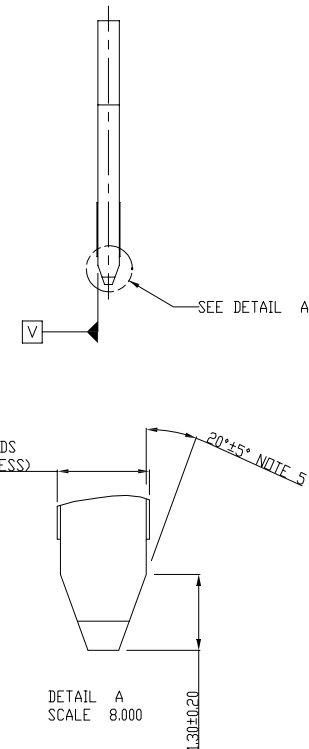
D



98P I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



98P I/O PANEL DIRECTION  
SECONDARY (SOLDER) SIDE



ADD-IN CARD EDGE-FINGER DIMENSIONS

DIMENSIONS			
POSITION	N	DIM "F"	G
98	37	39.15	PIN B48
164	70	72.15	PIN B81

www.fciconnect.com			surface <input checked="" type="checkbox"/>	tolerance std	projection	MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	STONE LI	05/27/15	ANGULAR	0.X	± 0.30	size A4
Eng	STONE LI	05/27/15	LINEAR	0.XX	±0.20	Scale N/A
Chr	/	/	0° ±2°	0.XXX	±0.10	ECN /
Appr	PM ZHENG	05/27/15	Product family			Spec ref
FCI			title PCI EXPRESS EXTENDED HEIGHT THROUGH HOLE TYPE CONNECTOR GEN3			Rev. C
catalog no			10086666			sheet 3 of 4
			CUSTOMER			

REV F - 2006-04-17

1 2 3 4

PDS: Rev :C STATUS:Released Printed: Jul 09, 2015



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## NOTES:

## 1. MATERIAL:

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

TERMINAL: COPPER ALLOY

PLATING: 100u" MIN. TIN. ALL OVER 80u" NICKEL UNDERPLATE

CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE

SOLDER TAIL: TIN. SEE PRODUCT NUMBER CODE

## 2. PRODUCT SPECIFICATION: GS-12-233

## ③ 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.

## ④ NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR

PINS A1 AND PIN NUMBERS "F".

## ⑤ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

## ⑥ PLEASE REFER TO PCI EXPRESS ASSOCIATION SPECIFICATION FOR MODULE CARD AND PCB LAYOUT TOLERANCE INFORMATION

## 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.

10086666 - X X X X X L F

LEAD FREE OPTION

PACKAGING OPTIONS  
T-TRAY PACKAGINGPDS. OPTIONS  
2-98  
3-164

TAIL LENGTH OPTIONS

	DIM "D"	PCB THICKNESS
1	3.10 $\begin{smallmatrix} +0.25 \\ -0.13 \end{smallmatrix}$	2.36 ± 0.10

HOUSING COLOR OPTIONS

1-BLACK

RESERVED

0

TERMINAL PLATING OPTIONS

0-80u" Ni UNDERPLATE

30u" Au CONTACT AREA W/O LUBRICANT

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

1-80u" Ni UNDERPLATE

30u" Au CONTACT AREA WITH FOMBLIN 5% LUBRICANT

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



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			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	STONE LI	05/27/15	ANGULAR	LINEAR	0.X	± 0.30
Eng	STONE LI	05/27/15			0.XX	± 0.20
Chr	/	/	0°	±2°	0.XXX	± 0.10
Appr	PM ZHENG	05/27/15	Product family			3GIO
			Spec ref			/
FCI			title			PCI EXPRESS EXTENDED HEIGHT THROUGH HOLE TYPE CONNECTOR GEN3
			catlog no			10086666
			CUSTOMER			Rev. C
			sheet 4 of 4			

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