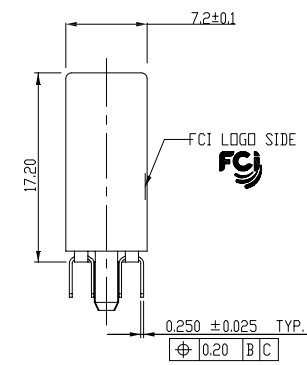
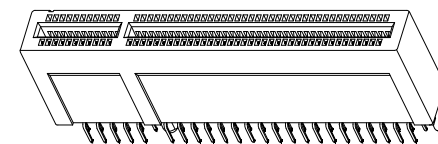
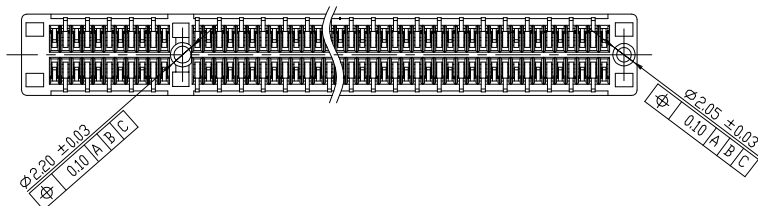
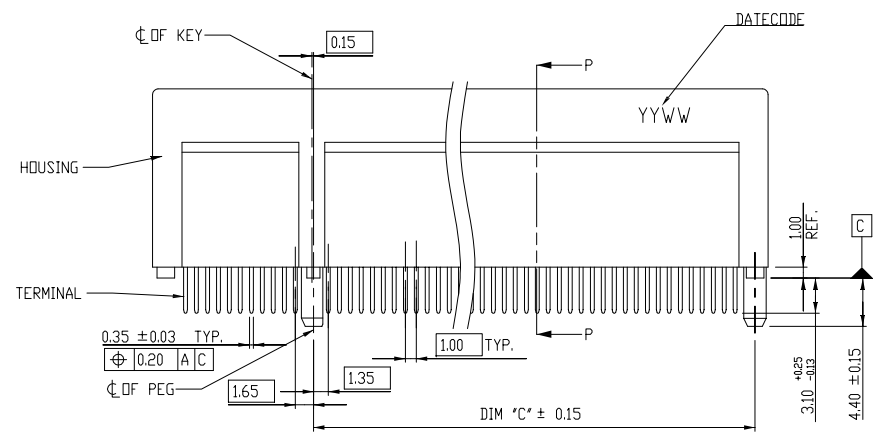
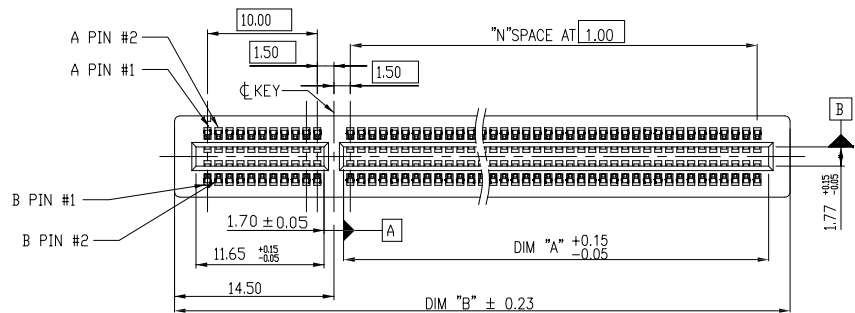


#	POS	REF.	N	DIM "A"	DIM "B"	DIM "C"
98P	37			38.65	56.00	40.15
164P	70			71.65	89.00	73.15

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

www.fciconnect.com			surface 		tolerance std		projection 				
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	STONE LI	05/27/15	ANGULAR	LINEAR	0.X	± 0.30	size	A4	Scale	N/A	
Eng	STONE LI	05/27/15			0.XX	±0.20					
Chr	/	/			0.XXX	±0.10					
Appr	PM ZHENG	05/27/15	0° ±2°		ECN		/				
			Product family					Spec ref			
			title			PCI EXPRESS EXTENDED HEIGHT			dwg no		Rev.
			THROUGH HOLE TYPE CONNECTOR GEN3 			10086666			C		
			catalog no			CUSTOMER			sheet 1 of 4		



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

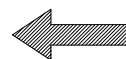
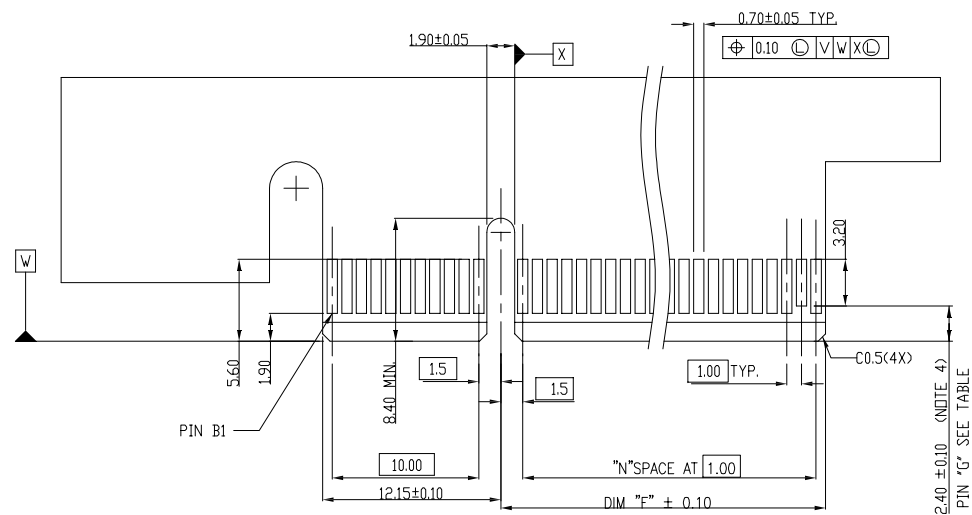
1 2 3 4

A

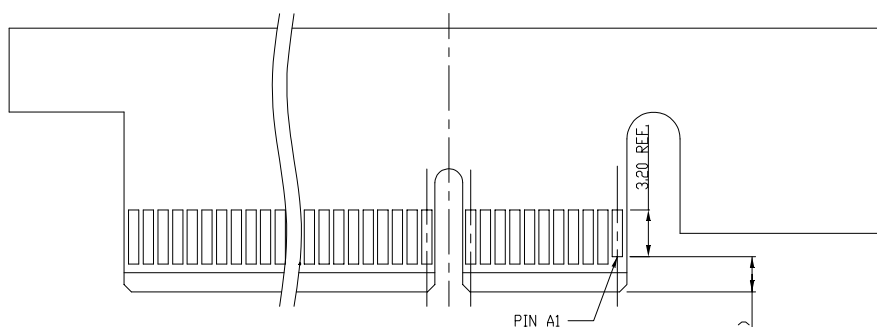
B

C

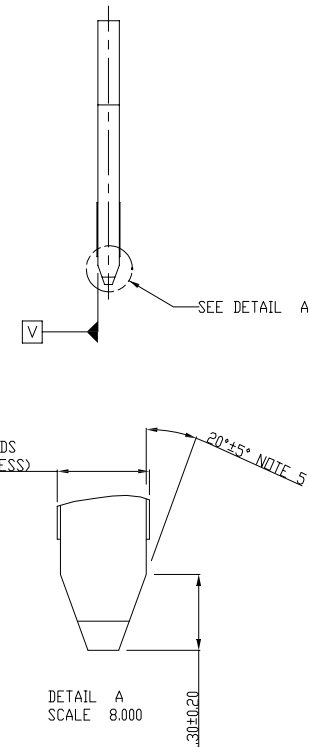
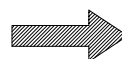
D



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 ☒	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		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
		title PCI EXPRESS EXTENDED HEIGHT THROUGH HOLE TYPE CONNECTOR GEN3 C			dwg no 10086666	Rev. C
catalog no			CUSTOMER		sheet 3 of 4	

A

B

C

D

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