

PRODUCT NO.
10018784-X0XXXX



SECTION P-P



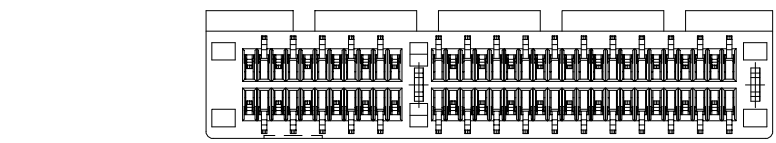
PLASTIC PEG TYPE

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mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	FCI www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ± 0.30	projection		title		
M	T05-0124	M W	06/07/05		.XX ± 0.20		PCI EXPRESS GEN3			
N	T05-0153	M W	07/12/05		.XXX ± 0.10		CARD EDGE ASSY			
P	T05-0208	M W	09/15/05	angles	0° ±2°		product family		code	
R	T06-0206	R C	12/01/06	dr	STONE LI		05/27/15	EDGE CARD		TWN
S	ELX-DG-2161-1	S T	05/27/15	enrg	STONE LI	05/27/15	size	dwg no	sheet	
				chr	/	/	scale	A4	10018784	
				appd	PM ZHENG	05/27/15	2:1		1 of 6	
sheet index	revision sheet	S 1	S 2	S 3	S 4	S 5	S 6			

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PRODUCT NO.
10018784-X1XXXX



METAL BOARD LOCKS TYPE

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ltr	ecn no	dr	date	linear	.X ± 0.30	projection	title		
				angles	.XX ± 0.20		PCI EXPRESS GEN3 CARD EDGE ASSY		
				dr	.XXX ± 0.10	MM	product family	EDGE CARD	code
				enr	0° ±2°	←	size	dwg no	TWN
				chr		scale	A4	10018784	sheet
				appd	PM ZHENG 05/27/15	2:1			2 of
sheet index	revision sheet								

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← I/O PANEL DIRECTION

RECOMMENDED FOOTPRINT

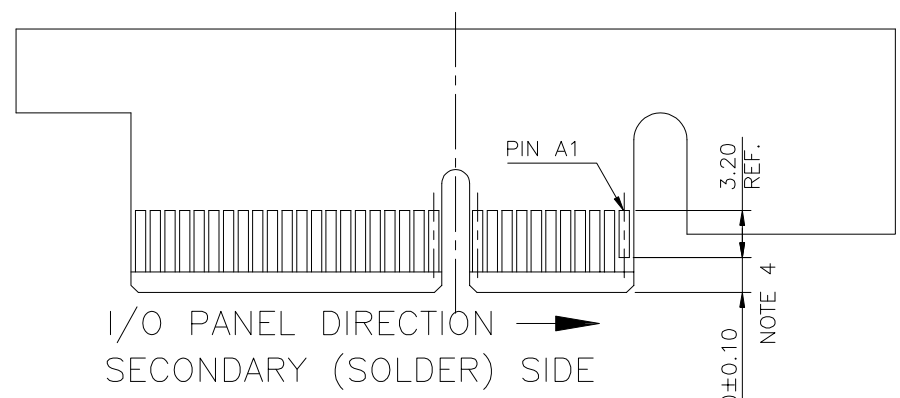
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mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	 www.fciconnect.com		
ltr	ecn no	dr	date	linear	.X ±	projection				
					.XX ±	 MM				
				angles	.XXX ±					
				dr	STONE LI	05/27/15	product family	EDGE CARD	code	
				enr	STONE LI	05/27/15	size	dwg no	TWN	
				chr	/	/	scale	2:1	A4	
				appd	PM ZHENG	05/27/15	10018784		sheet 3 of	
sheet index	revision sheet									

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SCALE 2:1



ADD-IN CARD EDGE-FINGER DIMENSIONS

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

PIN "F" SEE TABLE 2.40±0.10

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ltr	ecn no	dr	date	linear	.X ±	projection		title		
					.XX ±			PCI EXPRESS GEN3		
					.XXX ±			CARD EDGE ASS'Y		
				angles	0° ±2°	 MM	scale	product family		
				dr	STONE LI			05/27/15	EDGE CARD	
				enr	STONE LI			05/27/15	size	dwg no
				chr	/	/	2:1	A4	10018784	TWN
				appd	PM ZHENG	05/27/15				sheet
sheet index	revision									4 of
	sheet									

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NOTES:

1.MATERIAL:

HOUSING: NYLON, GLASS FILLED UL94V-0 RATE, SUITABLE FOR WAVE SOLDERING.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
SOLDER TAIL: TIN/LEAD (90/10) - SEE PRODUCT

METAL BOARD LOCKS: COPPER ALLOY
FINISH: 100u" TIN/LEAD (90/10) OVER 50u" NICKEL
UNDERPLATE SEE PRODUCT NUMBER CODE

2.PRODUCT SPECIFICATION: GS-12-233

③THE 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.

④NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN NUMBERS "F".

⑤CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

⑥FREQUENCY & LOCATION AT SUPPLIER DISCRETION. RIDGE MAY BE CONTINUOUS WITH NO BREAKS.

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 WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

- THE HOUSING WILL WITHSTAND EXPOSURE TO 240°C±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.(For 10018784-X 0 X X X X(X X) options)

CONNECTOR	# POS REF.	N	DIM "A"	DIM "B"	DIM "C"	"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

PRODUCT NUMBER CODE
10018784-X X X X X X □ □

HOUSING COLOR OPTIONS

- 0-WHITE
- 1-BLACK

PEGS OPTIONS

- 0-PLASTIC PEGS
- 1-METAL BOARD LOCKS

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 ----- INCOMPLIANT RoHS
- 4-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS
- 5-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN/LEAD TAIL AREA ----- INCOMPLIANT RoHS

LEAD FREE OPTION

LEAVE BLANK FOR TERMINAL PLATING 3,4,5
"LF" FOR TERMINAL PLATING OPTION 0,1,2

POS OPTIONS

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



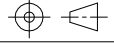
PACKAGING OPTIONS

T-TRAY PACKAGING
M-TRAY PACKAGING & MYLAR TAPE FOR PICK-N-PLACE. SEE FIGURE 1

TAIL LENGTH OPTIONS

	DIM "D"	PCB THICKNESS	BOARD LOCKS DIM"G"
0	2.30 ± 0.25 ± 0.13	1.56±0.10	1.70±0.15
1	3.10 ± 0.25 ± 0.13	2.36±0.10	2.50±0.15

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ltr	ecn no	dr	date	linear	.X ±		projection	title		
					.XX ±			PCI EXPRESS GEN3 CARD EDGE ASS'Y 		
					.XXX ±					
				angles	0° ±2°		 MM	product family		code
				dr	STONE LI	05/27/15		EDGE CARD		TWN
				enr	STONE LI	05/27/15		size	dwg no	sheet
				chr	/	/	A4		10018784	5 of
				appd	PM ZHENG	05/27/15	scale		1:1	
sheet index	revision sheet									

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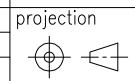
FIGURE 1

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title
PCI EXPRESS GEN3
CARD EDGE ASS'Y

MM

product family EDGE CARD
size dwg no

scale
1.5:1

A4
10018784
code
TWN
sheet
6 of

mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	
ltr	ecn no	dr	date	linear	.X ± 0.25		projection	
					.XX ± 0.13			
					.XXX ± 0.05			
				angles	0° ± 2°			
		dr	STONE LI	05/27/15			scale 1.5:1	
		enr	STONE LI	05/27/15				
		chr	/	/				
		appd	PM ZHENG	05/27/15				
sheet index	revision sheet							

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