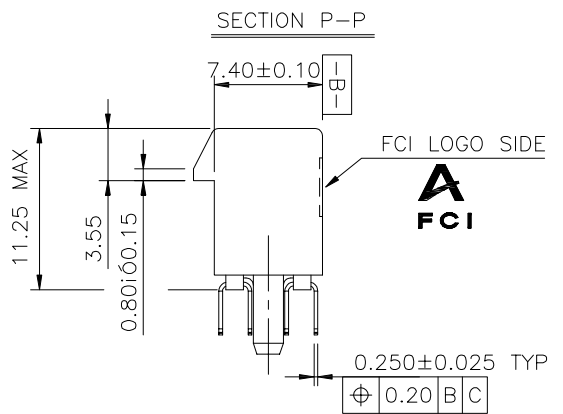


PRODUCT NO.  
10018784-X0XXXX



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 CARD EDGE ASSY			
N	T05-0153	M W	07/12/05	angles	.XXX ± 0.10		MM	product family			
P	T05-0208	M W	09/15/05		0° ±2°			EDGE CARD			
R	T06-0206	R C	12/01/06	dr	STONE LI	05/27/15	scale	size		code	
S	ELX-DG-2161-1	S T	05/27/15	enrg	STONE LI	05/27/15		2:1	dwg no		TWN
				chr	/	/	A4		10018784	sheet	
				appd	PM ZHENG	05/27/15				1 of 6	
sheet index	revision sheet	S 1	S 2	S 3	S 4	S 5	S 6	cage code			
								22526			

PRODUCT NO.  
10018784-X1XXXX



METAL BOARD LOCKS TYPE

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mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	 MM	title	
				angles	.XX ± 0.20	 MM		PCI EXPRESS GEN3	
				dr	.XXX ± 0.10			CARD EDGE ASSY	
				enr	0° ±2°	scale	product family	EDGE CARD	code
				chr	STONE LI 05/27/15	2:1	size	dwg no	TWN
				appd	STONE LI 05/27/15		A4	10018784	sheet
sheet index	revision sheet				PM ZHENG 05/27/15				2 of

cage code  
22526



← 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	title			
					.XX ±			PCI EXPRESS GEN3			
					.XXX ±			CARD EDGE ASS'Y			
				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	/	/	scale	A4		3 of	
				appd	PM ZHENG	05/27/15	2:1	10018784			
sheet index	revision sheet										

cage code  
22526



SCALE 2:1

I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION  
SECONDARY (SOLDER) SIDE

ADD-IN CARD EDGE-FINGER DIMENSIONS

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#	POS	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	

PIN "F" SEE TABLE 2.40±0.10  
NOTE 4

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ±			
					.XX ±	projection	title	PCI EXPRESS GEN3 CARD EDGE ASS'Y
				angles	.XXX ±			
				dr	0° ±2°	 MM	product family	EDGE CARD
				enr				
				chr		scale	A4	10018784
				appd				
sheet index	revision							
	sheet							

cage code  
22526

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 NUMBER CODE 100u" MIN. OVER 50u" NICKEL

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

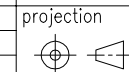
	DIM "D"	PCB THICKNESS	BOARD LOCKS DIM"G"
0	2.30 ±0.25 ±0.13	1.56±0.10	1.70±0.15
1	3.10 ±0.25 ±0.13	2.36±0.10	2.50±0.15

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title PCI EXPRESS GEN3 CARD EDGE ASS'Y

product family EDGE CARD

code TWN

size A4

dwg no 10018784 sheet 5 of

scale 1:1

revision sheet

cage code 22526



FIGURE 1

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mat'l. code				tolerances unless otherwise specified			CUSTOMER COPY	 www.fciconnect.com								
ltr	ecn no	dr	date	linear	.X ± 0.25						projection	 title				
					.XX ± 0.13											
					.XXX ± 0.05											
				angles	0° ± 2°		 MM	product family EDGE CARD size dwg no		code						
				dr	STONE LI	05/27/15				scale	A4		TWN			
				enr	STONE LI	05/27/15							1.5:1	10018784		sheet
				chr	/	/										6 of
				appd	PM ZHENG	05/27/15										
sheet index	revision sheet															

cage code 22526