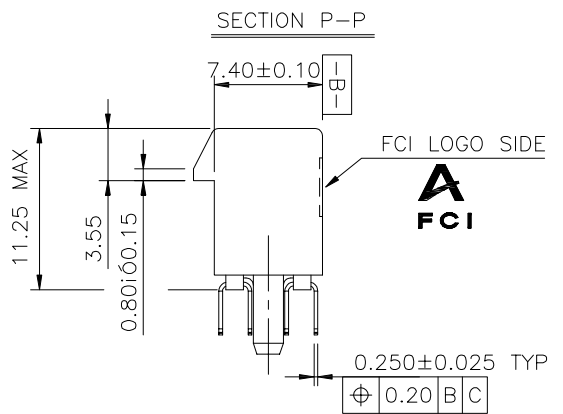


PRODUCT NO.
10018784-X0XXXX



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				
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°	MM	product family		EDGE CARD	code	
R	T06-0206	R C	12/01/06	dr	STONE LI		05/27/15	size		dwg no	TWN
S	ELX-DG-2161-1	S T	05/27/15	enr	STONE LI	05/27/15	scale		A4	10018784	sheet
				chr	/	/	2:1				1 of 6
				appd	PM ZHENG	05/27/15					
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

CONFIDENTIAL



mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	
				angles	.XX ± 0.20	MM	
				dr	.XXX ± 0.10	scale	
				enr	0° ±2°	2:1	
				chr	STONE LI 05/27/15		
				appd	STONE LI 05/27/15		
					/		
					PM ZHENG 05/27/15		
sheet index	revision sheet						

		www.fciconnect.com	
title		PCI EXPRESS GEN3 CARD EDGE ASSY	
product family	EDGE CARD	code	TWN
size	dwg no	sheet	2 of
A4	10018784		

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	/	/	A4 10018784		3 of		
				appd	PM ZHENG	05/27/15	scale				
							2:1				
sheet index	revision sheet										

cage code 22526



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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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		EDGE CARD	
				dr	STONE LI	05/27/15		size		dwg no	
				enr	STONE LI	05/27/15		A4		10018784	
				chr	/	/	scale		2:1		
				appd	PM ZHENG	05/27/15	sheet index		4 of		
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

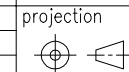
	DIM "D"	PCB THICKNESS	BOARD LOCKS DIM"G"
0	2.30 ± 0.25 ± 0.13	1.56±0.10	1.70±0.15
1	3.10 ± 0.25 ± 0.13	2.36±0.10	2.50±0.15

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title PCI EXPRESS GEN3 CARD EDGE ASS'Y

product family EDGE CARD

code TWN

size A4

dwg no 10018784

scale 1:1

sheet 5 of

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