

PRODUCT NO.  
10018784-X0XXXX



PLASTIC PEG TYPE



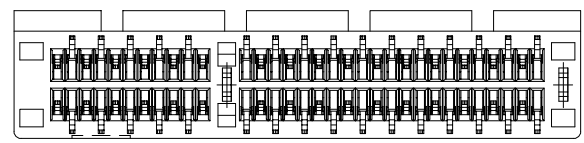
CONFIDENTIAL

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		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	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



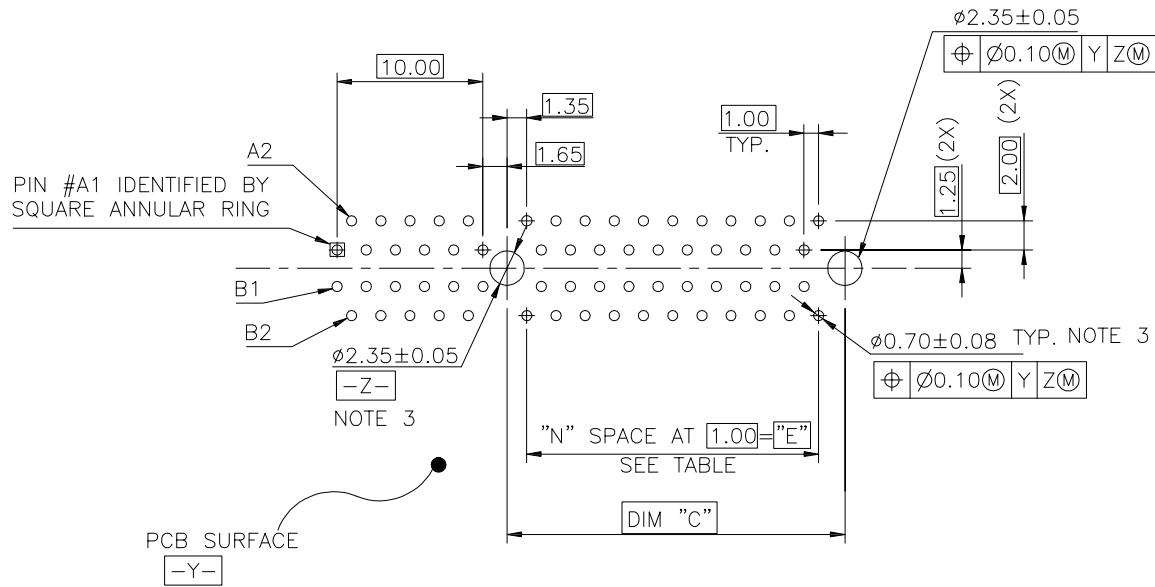
METAL BOARD LOCKS TYPE



CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com	
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								

cage code  
22526



← I/O PANEL DIRECTION

RECOMMENDED FOOTPRINT

CONFIDENTIAL

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		code		
					.XXX ±			CARD EDGE ASS'Y			TWN	
				angles	0° ±2°	 MM	scale	product family		sheet		
				dr	STONE LI			05/27/15	EDGE CARD		3 of	
				enr	STONE LI			05/27/15	size   dwg no			
				chr	/			/	A4   10018784			
				appd	PM ZHENG	05/27/15	2:1					
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

#	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

CONFIDENTIAL

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	 www.fciconnect.com	
ltr	ecn no	dr	date	linear	.X ±		projection	title
					.XX ±			
				angles	.XXX ±		product family EDGE CARD	code TWN
				dr	0° ±2°	size A4		
				enr			scale 2:1	10018784
				chr		cage code 22526		
				appd				
sheet index	revision sheet							

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

CONFIDENTIAL

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 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										

cage code  
22526



FIGURE 1

CONFIDENTIAL



www.fciconnect.com

CUSTOMER COPY



title  
PCI EXPRESS GEN3  
CARD EDGE ASS'Y

MM

product family EDGE CARD code  
size dwg no TWN

scale 1.5:1

A4 10018784 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							

cage code 22526

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9