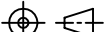



RECOMMENDED FOOTPRINT

mat'l. code				tolerances unless otherwise specified				CUSTOMER COPY		<div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div>					
ltr	ecn no	dr	date	linear	.X ±				projection 	title PCI EXPRESS CARD EDGE ASS'Y					
R					.XX ±										
					.XXX ±										
				angles	0° ±2°				 MM scale 2:1	product family		EDGE CARD		code	
				dr	MAGGIE WU		07/30/02			size		dwg no		TWN	
				engr	R Y LIU		07/30/02			A4		10018783		sheet	
				chr	R Y LIU		07/30/02							4 of	
				appd	JENN TSAO		07/30/02								
sheet index		revision sheet													

NOTES:

1.MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0
RATED. SUITABLE FOR REFLOW SOLDERING.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE
SOLDER TAIL: TIN OR TIN /LEAD(90/10)- SEE PRODUCT
NUMBER CODE 100u" MIN. OVER 50u" NICKEL

METAL BOARD LOCKS: COPPER ALLOY
FINISH: 100u" TIN OR 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 REFLOW SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.

PRODUCT NUMBER CODE

10018783 -X X X X X X □ □

HOUSING COLOR OPTIONS

0-NATURAL

1-BLACK

PEGS OPTIONS

0-PLASTIC PEGS

1-METAL BOARD LOCKS

2-SINGLE PLASTIC PEGS

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

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


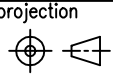

PACKAGING OPTIONS

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
2	2.54±0.25	1.56±0.10	1.70±0.15

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		 FCI <small>www.fciconnect.com</small>		
ltr	ecn no	dr	date	linear	.X ±	projection 	title PCI EXPRESS CARD EDGE ASS'Y			
T					.XX ±					
					.XXX ±					
				angles	0° ±2°		product family EDGE CARD			
				dr	MAGGIE WU 07/30/02					code TWN
				engr	R Y LIU 07/30/02					size dwg no
				chr	R Y LIU 07/30/02					sheet 6 of
				appd	JENN TSAO 07/30/02	scale 1:1	A4 10018783			
sheet index	revision sheet									

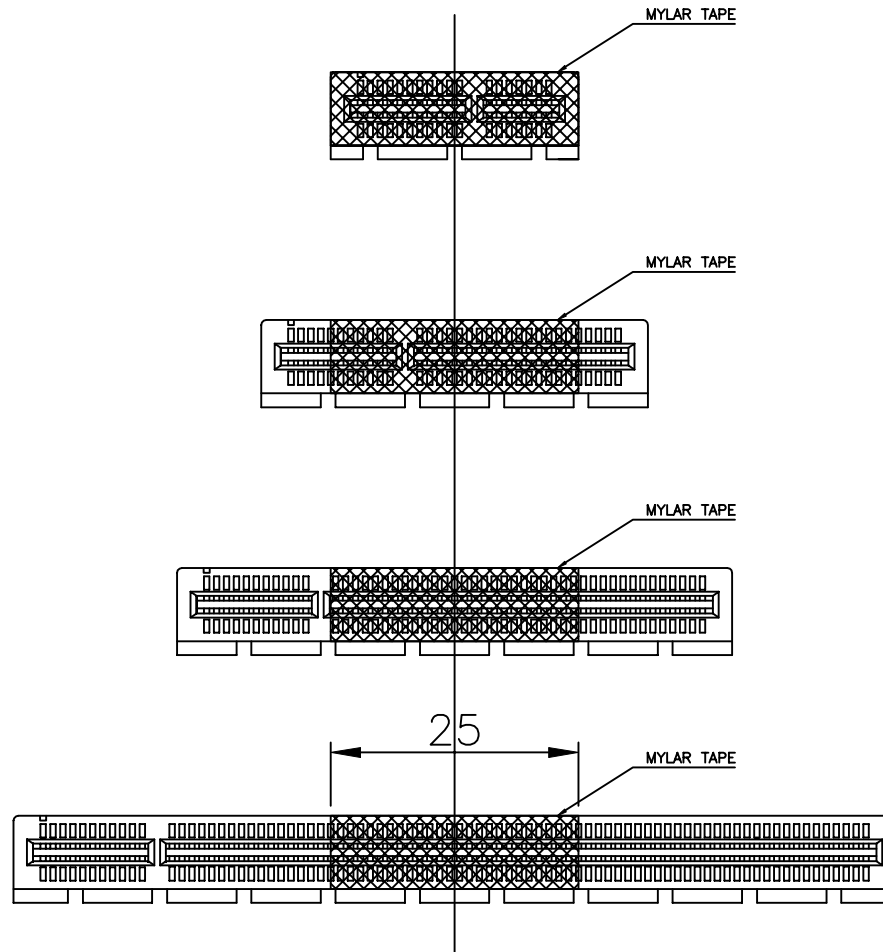


FIGURE 1

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	<div><div>FCI</div><div>www.fciconnect.com</div></div>			
ltr	ecn no	dr	date	linear	.X ± 0.25		title PCI EXPRESS CARD EDGE ASS'Y			
R					.XX ± 0.13	projection				
					.XXX ± 0.05		product family EDGE CARD			
				angles	0° ± 2°	MM				
				dr	MAGGIE WU 06/07/05	scale 1.5:1	size		code	
				engr	R Y LIU 06/07/05		dwg no		TWN	
				chr	R Y LIU 06/07/05		A4		sheet	
				appd	JENN TSAO 06/07/05		10018783		7 of	
sheet index	revision sheet									