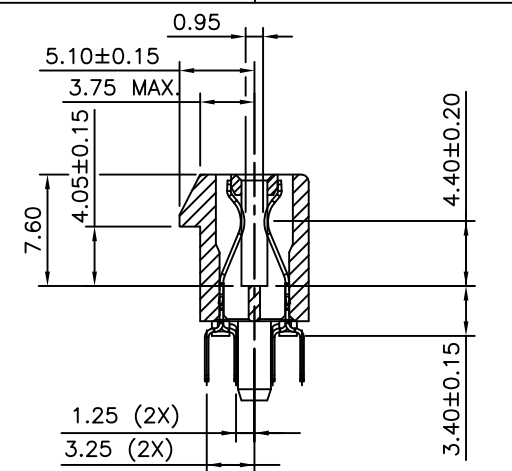
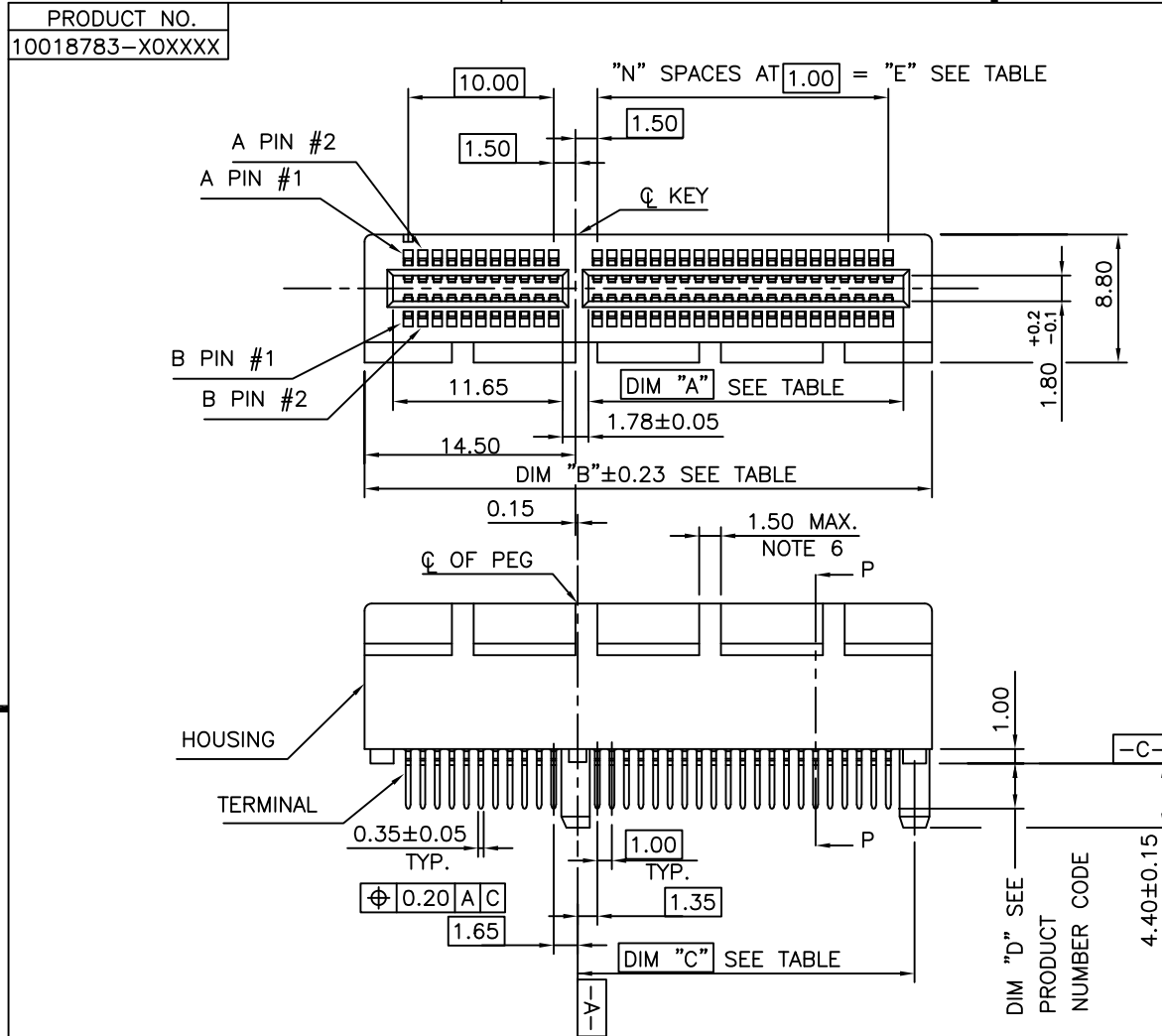
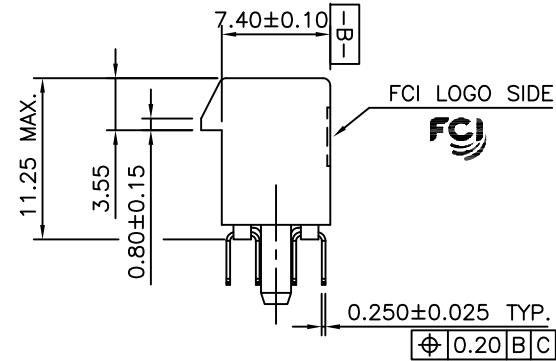
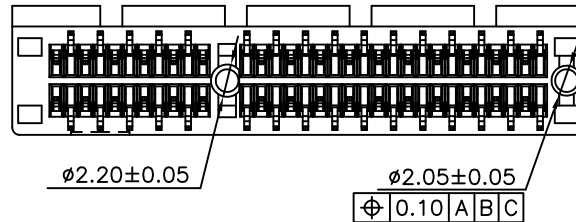




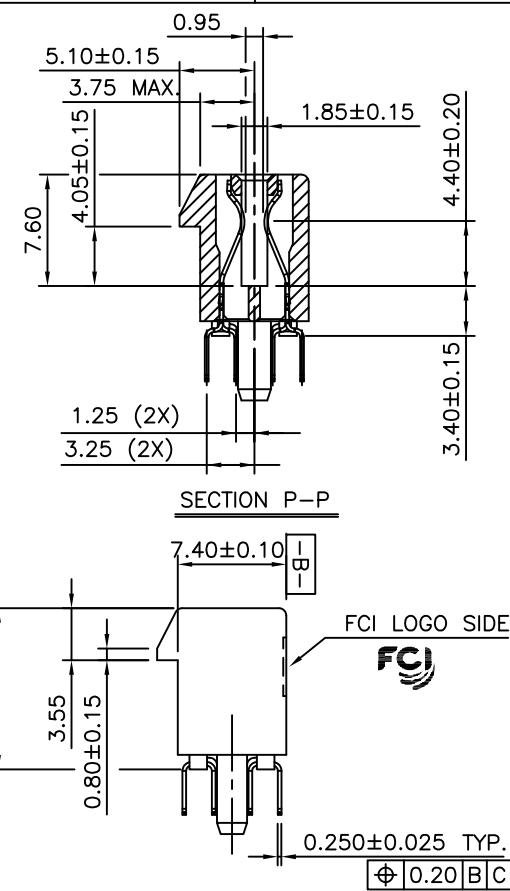
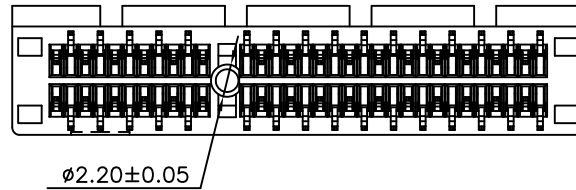
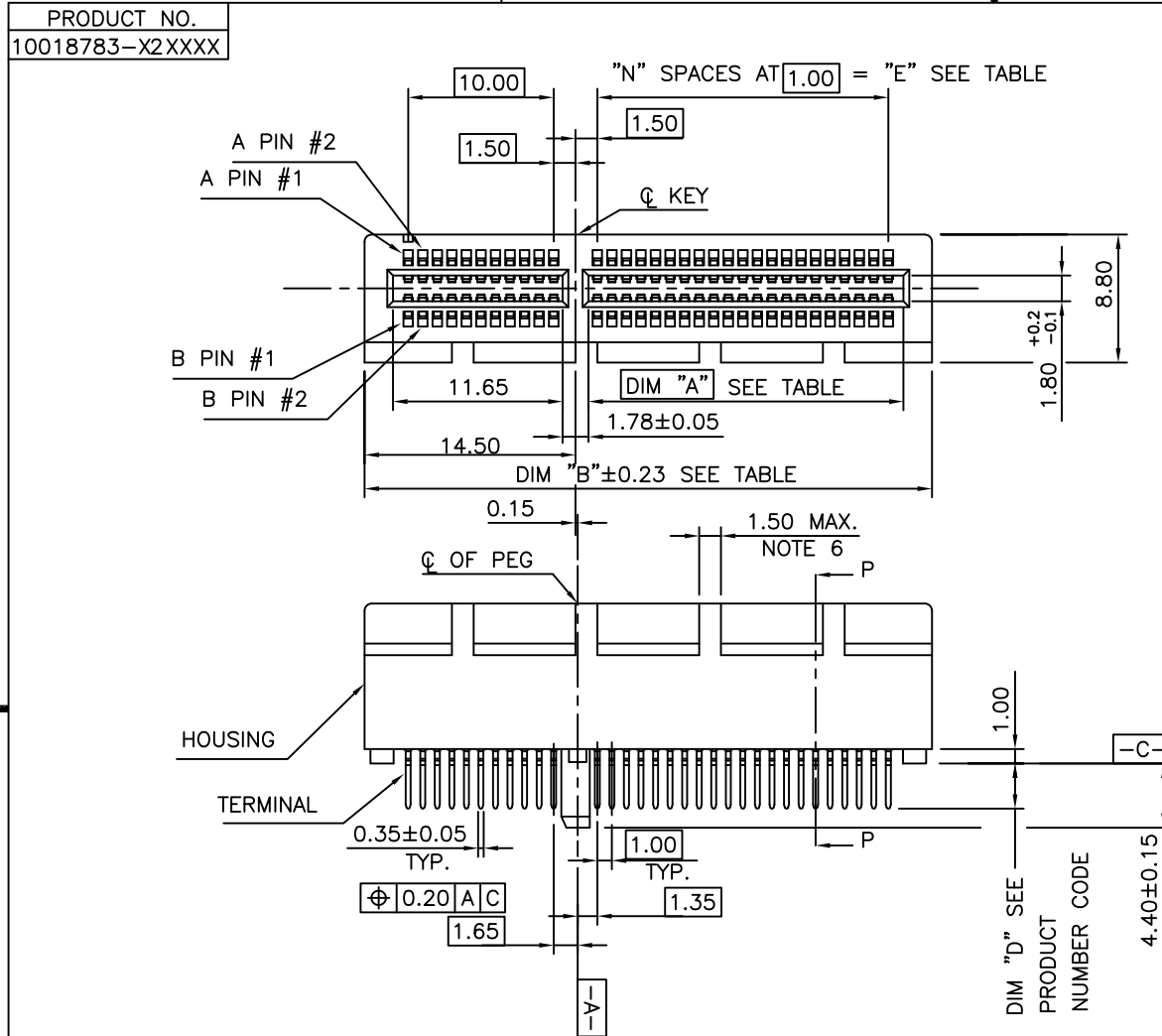
SECTION P-P



TWIN PLASTIC PEG TYPE

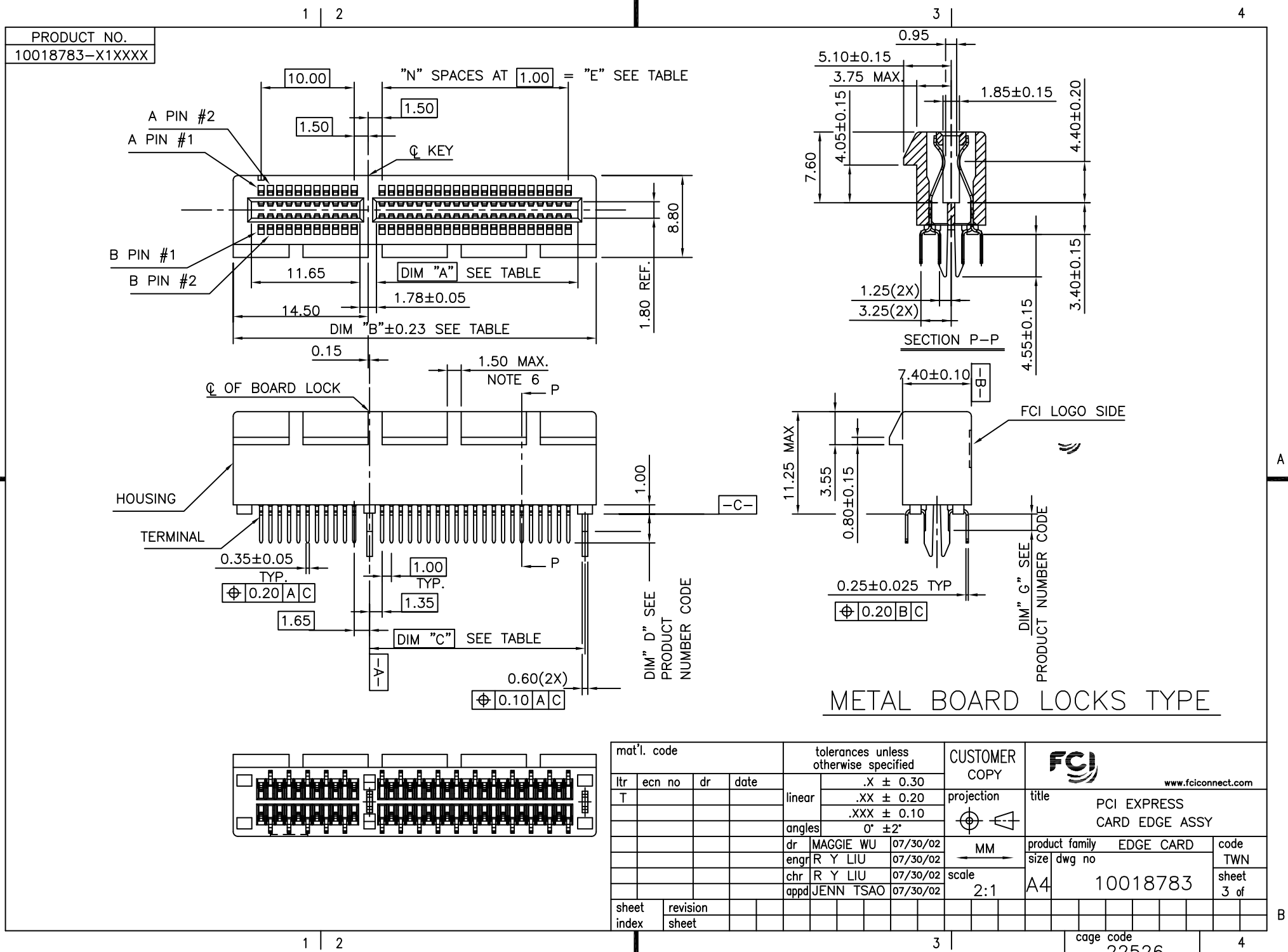


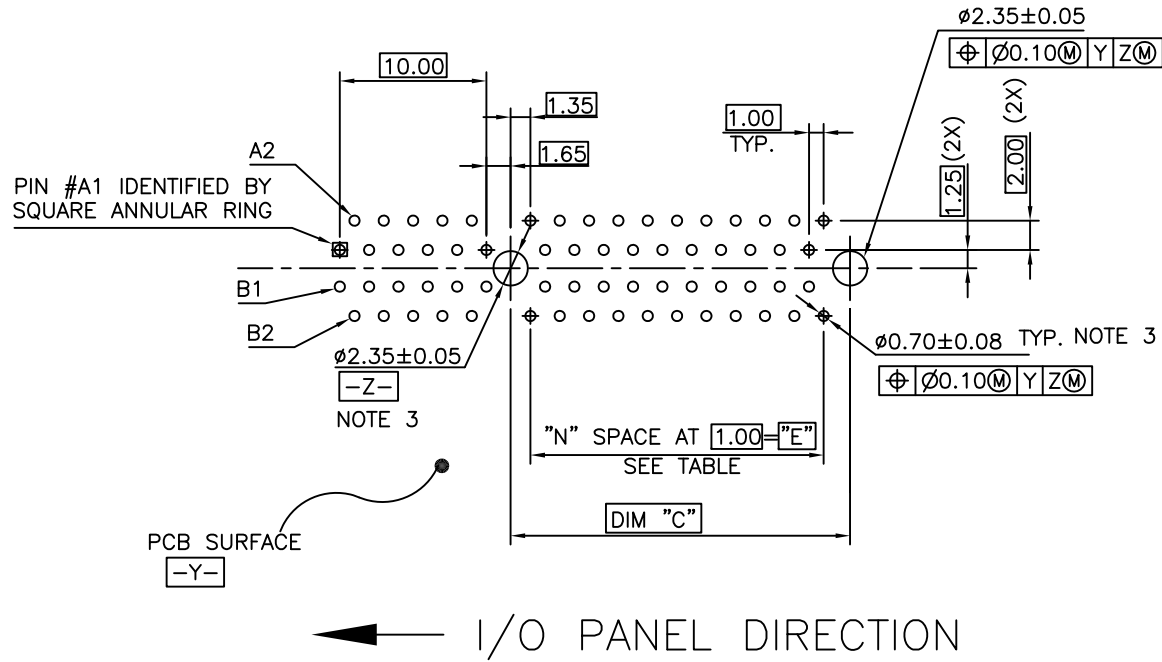
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		FCI	
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	title	www.fciconnect.com	
M	T05-0071	M	W 04/06/05		.XX ± 0.20		PCI EXPRESS		
N	T05-0105	M	W 05/11/05		.XXX ± 0.10		CARD EDGE ASSY		
P	T05-0124	M	W 06/07/05	angles	0° ± 2°				
R	T05-0129	M	W 06/13/05	dr	MAGGIE WU 07/30/02	MM	product family	EDGE CARD	code
S	T05-0153	M	W 07/12/05	enr	R Y LIU 07/30/02		size	dwg no	TWN
T	T05-0208	M	W 09/15/05	chr	R Y LIU 07/30/02	scale	10018783		sheet
U	T10-0007	J	H 1/20/10	appd	JENN TSAO 07/30/02	2:1			1 of 7
sheet index	revision	U	R	T	R	R	U		
	sheet	1	2	3	4	5	6		



SINGLE PLASTIC PEG TYPE

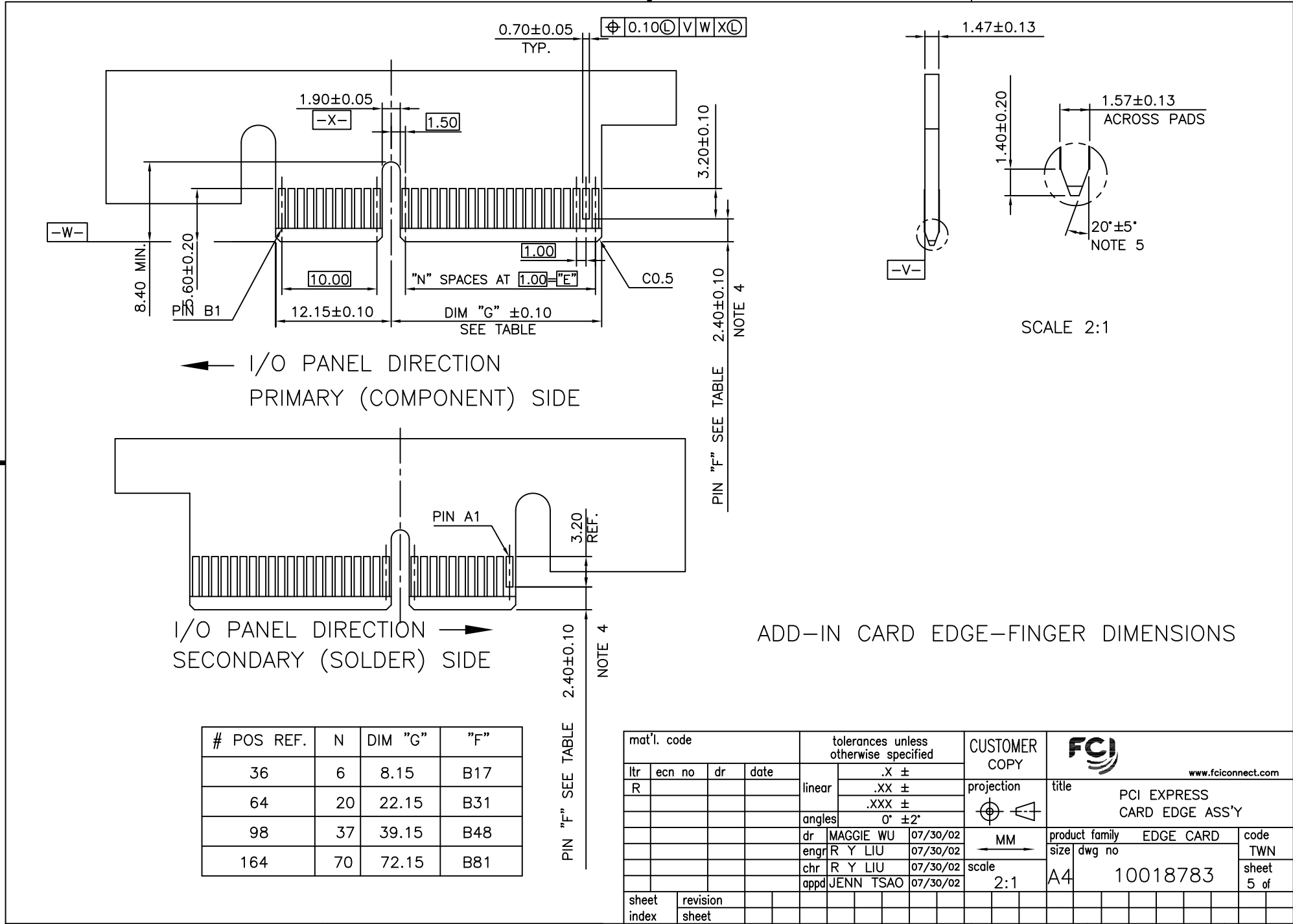
mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY	FCI		
ltr	ecn no	dr	date	linear	.X ± 0.30	projection	www.fciconnect.com		
R					.XX ± 0.20	MM	PCI EXPRESS CARD EDGE ASSY		
				angles	.XXX ± 0.10	2:1	product family EDGE CARD		
				dr	MAGGIE WU 07/30/02		size		code
				engr	R Y LIU 07/30/02		dwg no		TWN
				chr	R Y LIU 07/30/02		10018783		sheet
				appd	JENN TSAO 07/30/02				2 of
sheet index	revision sheet								





RECOMMENDED FOOTPRINT

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



NOTES:

1.MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED.
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 TEMPERATURE FOR
10 SECONDS IN RE-FLOW APPLICATION, REFER TO GS-14-858 FOR OPERATING.

PRODUCT NUMBER CODE

10018783 -X X X X X X □ □

LEAD FREE OPTION

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

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

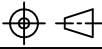
PACKAGING OPTIONS

T-SOFT TRAY PACKAGING
M-SOFT TRAY PACKAGING & MYLAR TAPE. SEE FIGURE 1
Y-HARD TRAY PACKAGING (FOR 164P ONLY)
Z-HARD TRAY PACKAGING WITH MYLAR (FOR 164P ONLY)

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

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
3	1.90±0.25	1.56±0.10	1.70±0.15

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

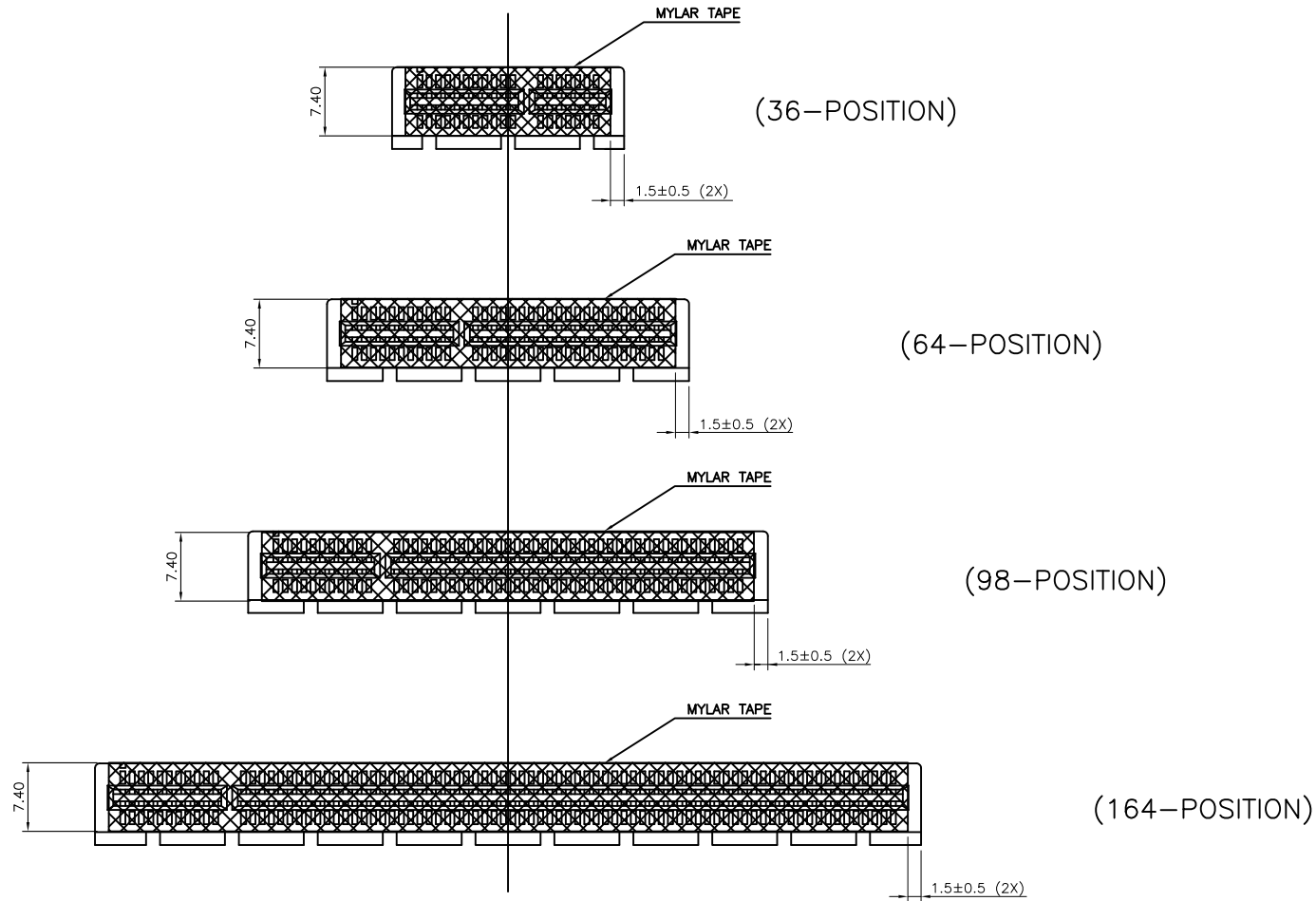


FIGURE 1

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