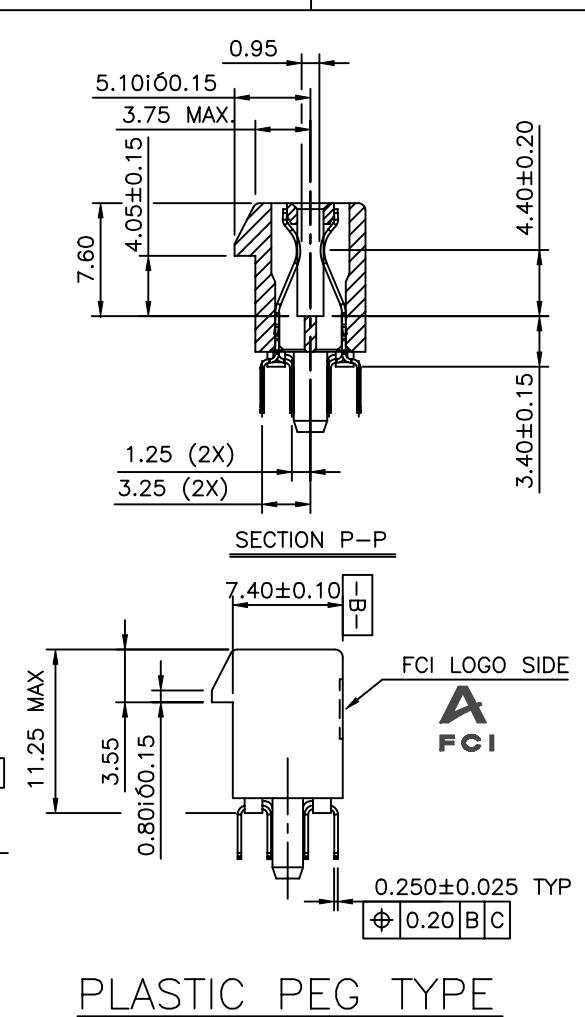
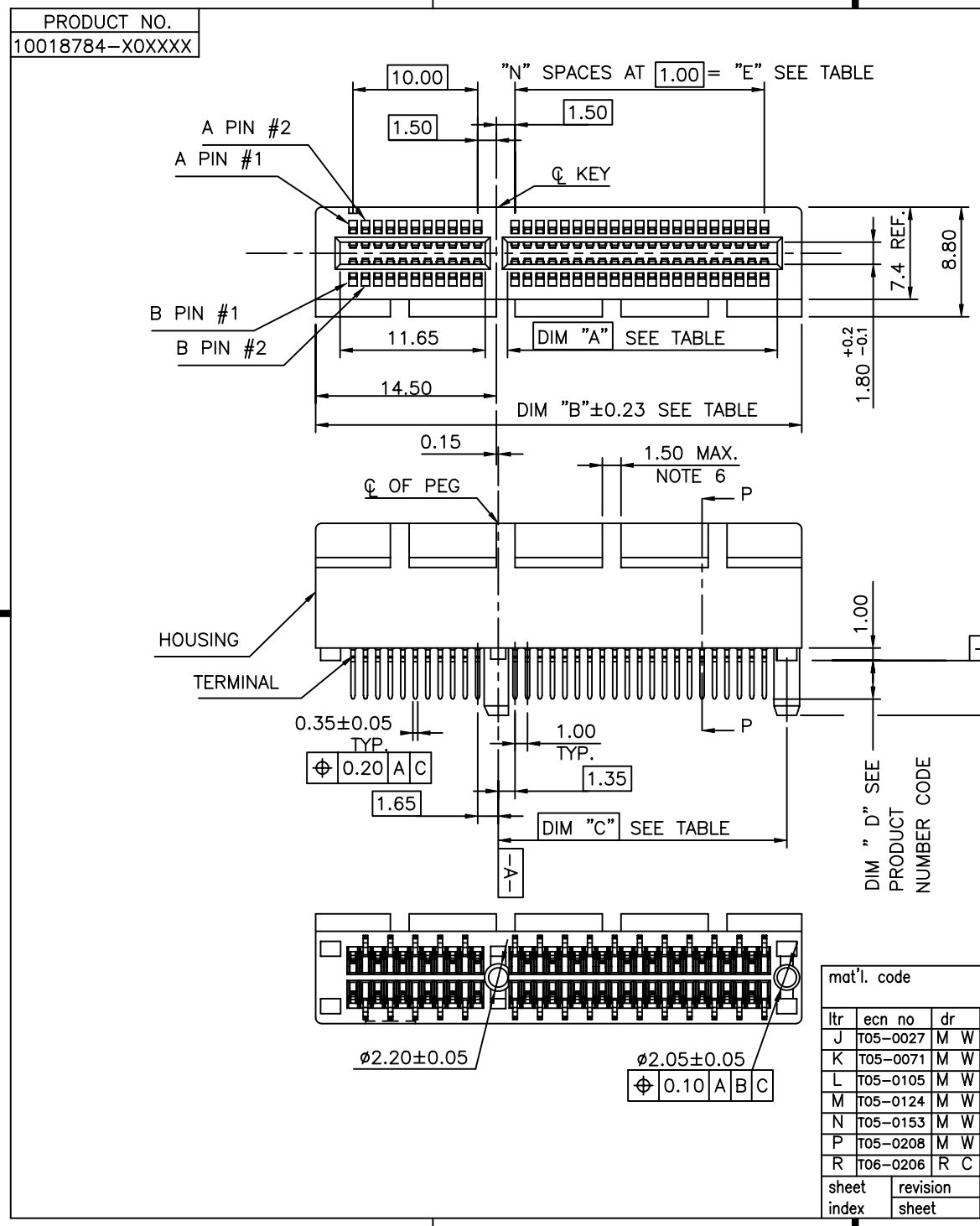


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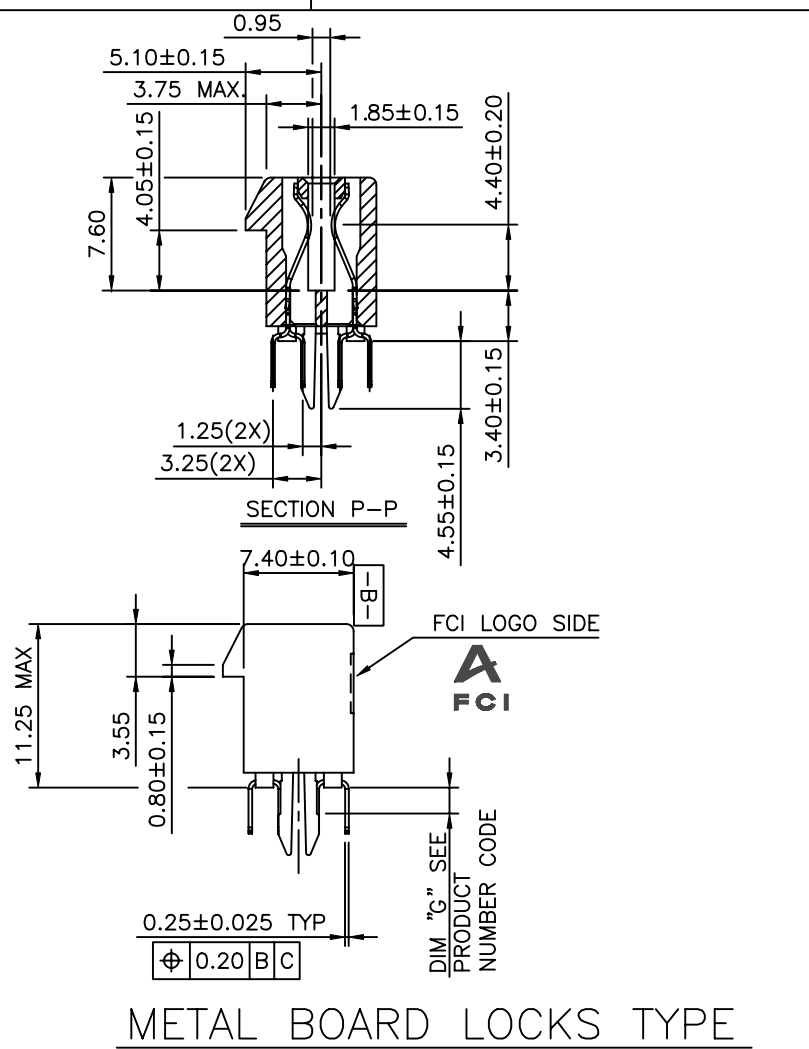
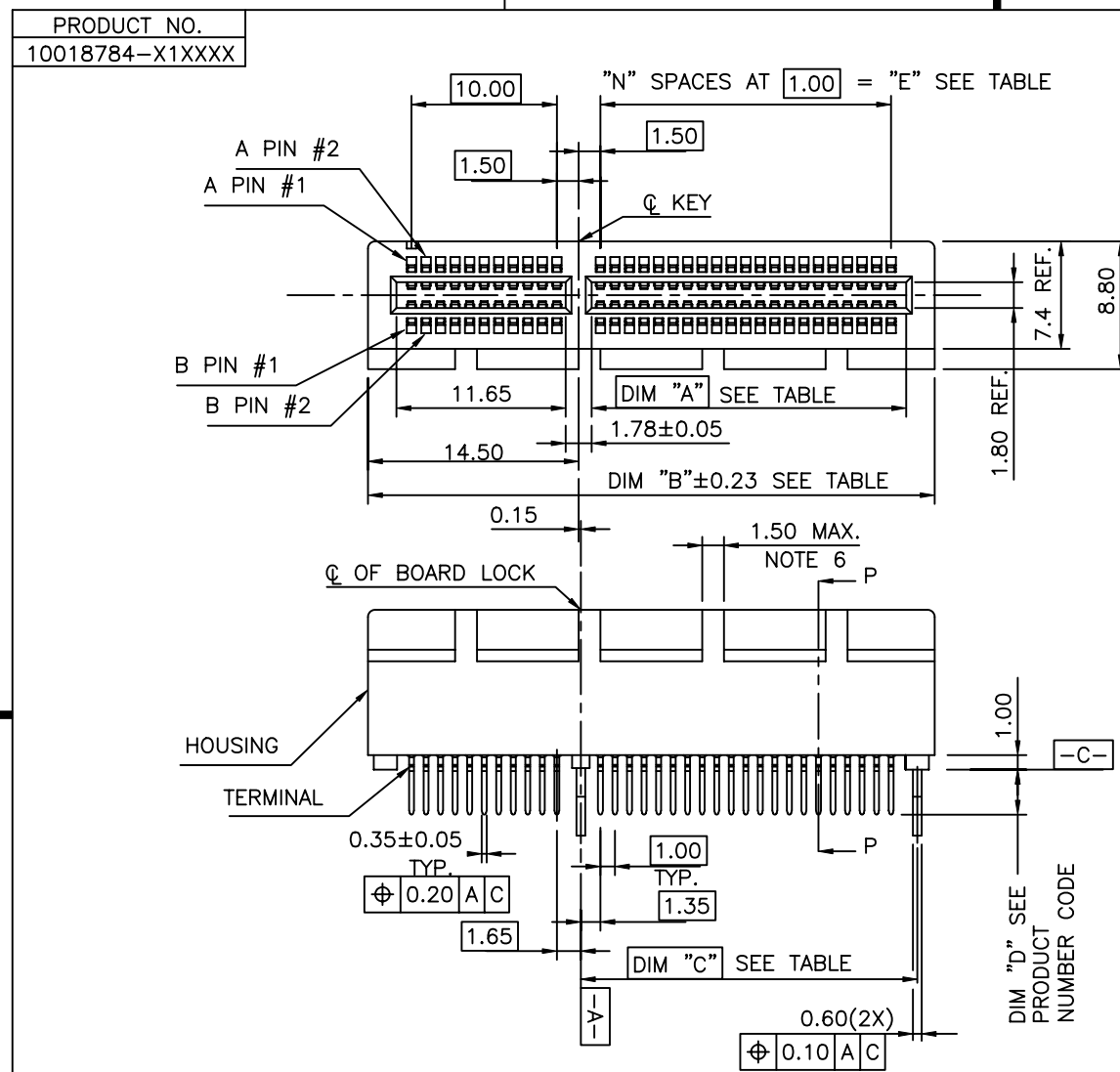


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J	T05-0027	M W	02/04/05		.XX ± 0.20			title			
K	T05-0071	M W	04/06/05		.XXX ± 0.10			PCI EXPRESS CARD EDGE ASSY			
L	T05-0105	M W	05/11/05	angles	0° ±2°		MM	product family		EDGE CARD	code
M	T05-0124	M W	06/07/05	dr	MAGGIE WU	07/30/02		size		dwg no	TWN
N	T05-0153	M W	07/12/05	enr	R Y LIU	07/30/02	scale		A4		sheet
P	T05-0208	M W	09/15/05	chr	R Y LIU	07/30/02	2:1		10018784		1 of 6
R	T06-0206	R C	12/01/06	appd	JENN TSAO	07/30/02					
sheet index	revision sheet	R	P	A	J	R	M				
		1	2	3	4	5	6				

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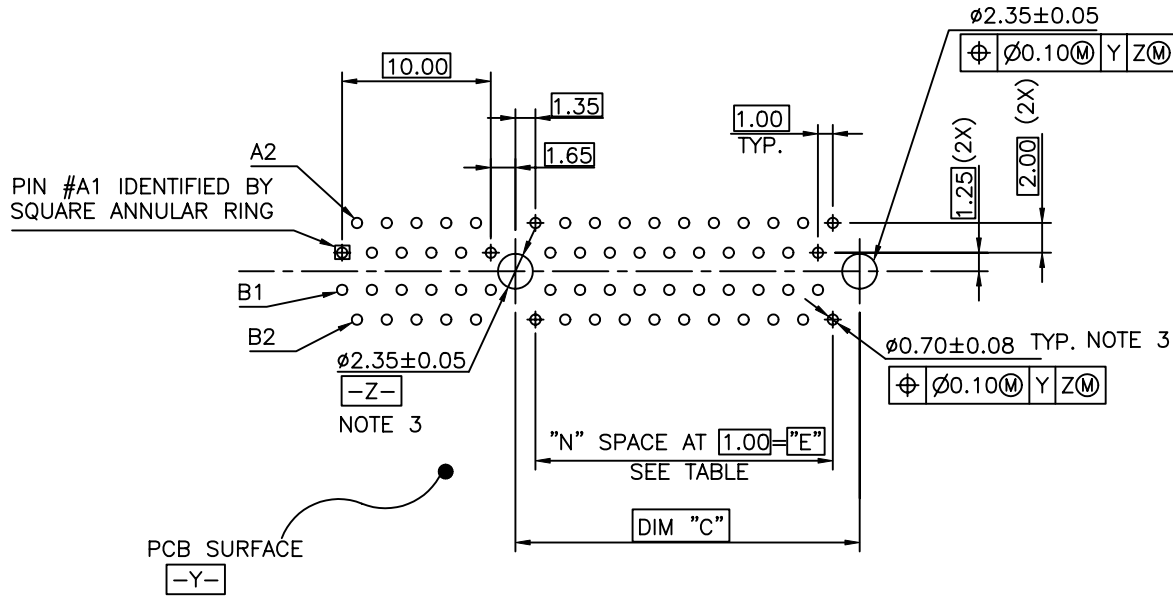
METAL BOARD LOCKS TYPE

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ltr	ecn no	dr	date	linear	.X ± 0.30		projection	title		PCI EXPRESS CARD EDGE ASSY	
P					.XX ± 0.20			MM	product family		EDGE CARD
				angles	.XXX ± 0.10		scale		size		dwg no
				dr	0° ± 2°			2:1	A4		10018784
				engr	MAGGIE WU	07/30/02					code TWN
				chr	R Y LIU	07/30/02				sheet 2 of	
				appd	JENN TSAO	07/30/02				cage code	
sheet index	revision sheet									22526	

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← I/O PANEL DIRECTION

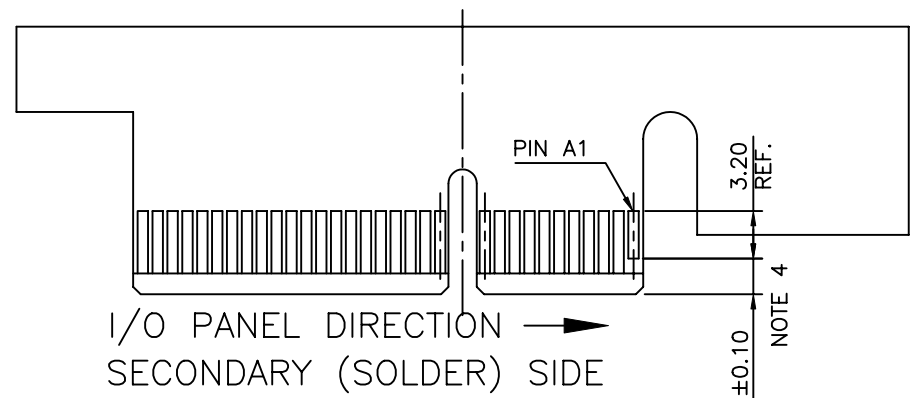
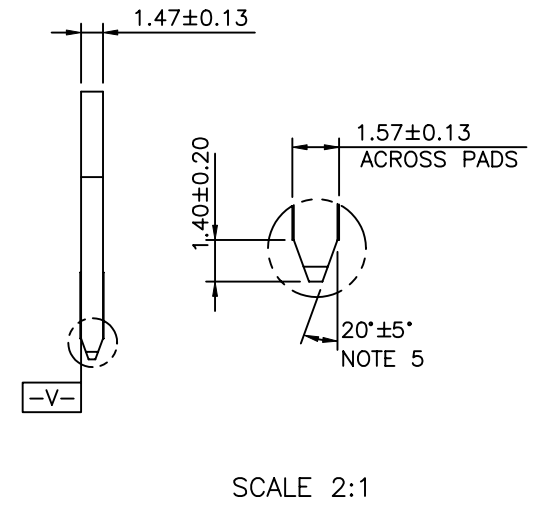
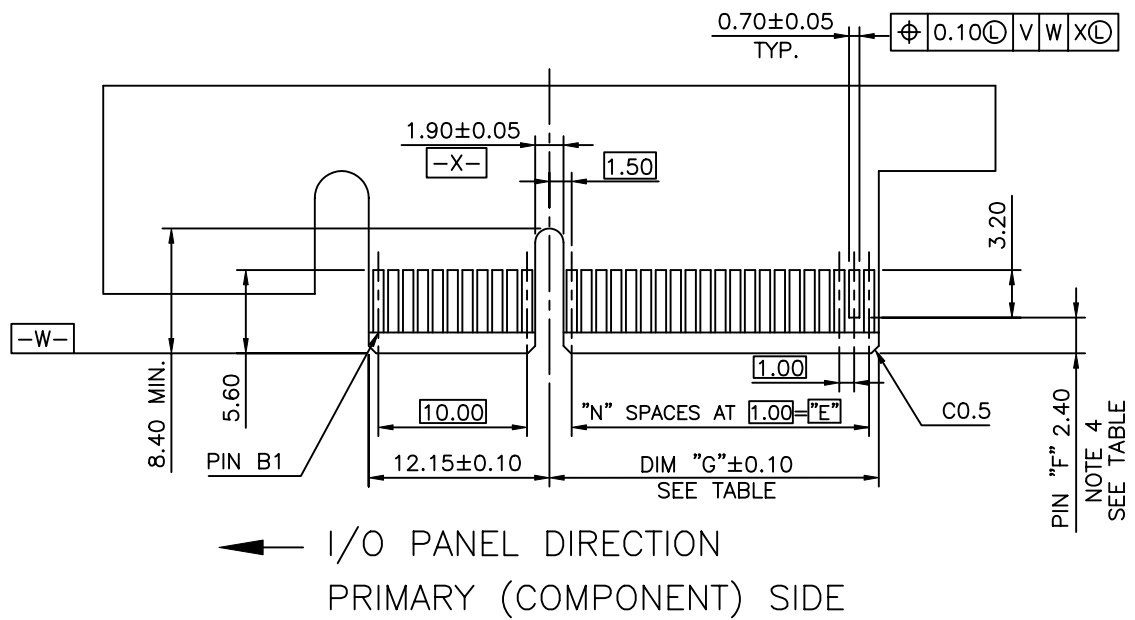
RECOMMENDED FOOTPRINT

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A					.XX ±			PCI EXPRESS CARD EDGE ASS'Y			
				angles	.XXX ±		MM	product family		EDGE CARD	code
				dr	0° ± 2°			size		dwg no	TWN
				engr	MAGGIE WU 07/30/02	scale	2:1	A4		10018784	sheet
				chr	R Y LIU 07/30/02					3 of	
				appd	JENN TSAO 07/30/02						
sheet index	revision sheet										

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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

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ltr	ecn no	dr	date	linear	.X ±	projection	title		
J					.XX ±		PCI EXPRESS CARD EDGE ASS'Y		
				angles	.XXX ±	 MM	product family	EDGE CARD	code
				dr	0° ±2°		size	dwg no	TWN
				engr	MAGGIE WU 07/30/02	scale	A4		sheet
				chr	R Y LIU 07/30/02		10018784		
				appd	JENN TSAO 07/30/02	2:1			
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

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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


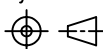
TAIL LENGTH OPTIONS

	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

PACKAGING OPTIONS

T-TRAY PACKAGING  
M-TRAY PACKAGING & MYLAR TAPE FOR PICK-N-PLACE. SEE FIGURE 1

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R					.XX ±		PCI EXPRESS CARD EDGE ASS'Y		
				angles	.XXX ±	 MM	product family		code
				dr	0° ±2°		EDGE CARD		TWN
				engr	MAGGIE WU 07/30/02	scale	size		sheet
				chr	R Y LIU 07/30/02		dwg no		
				appd	JENN TSAO 07/30/02	1:1	10018784		5 of
sheet index	revision sheet								

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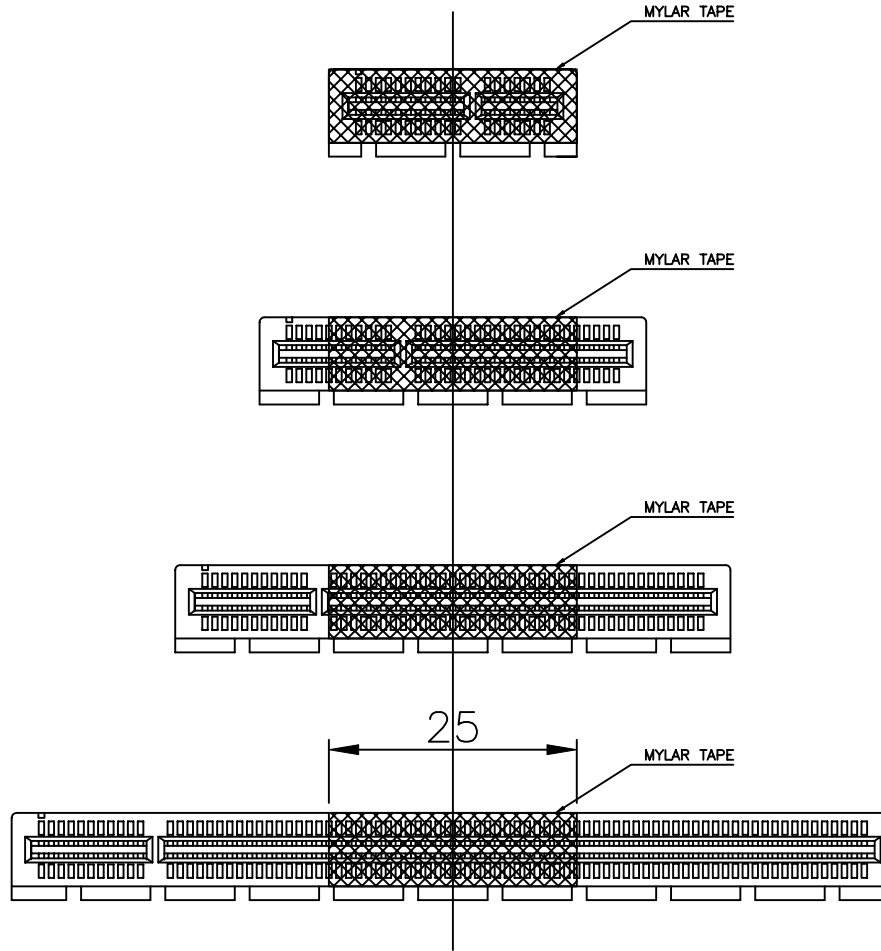

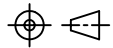
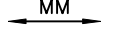


FIGURE 1

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M					.XX ± 0.13						
				angles	.XXX ± 0.05			product family EDGE CARD			
					0° ± 2°						
				dr	MAGGIE WU	06/07/05	 MM	size		code	
				enfr	R Y LIU	06/07/05		dwg no		TWN	
				chr	R Y LIU	06/07/05	scale	A4		sheet	
				appd	JENN TSAO	06/07/05		1.5:1		6 of	
sheet index		revision sheet									