

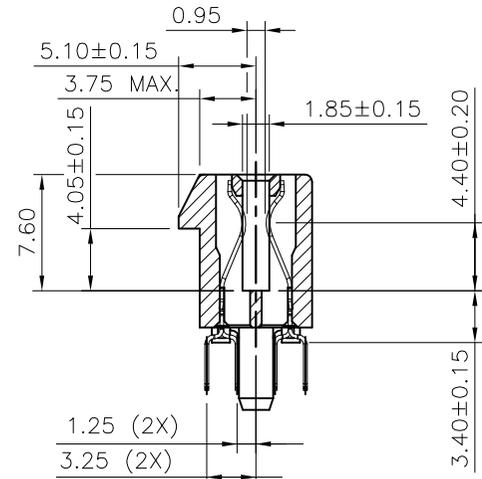
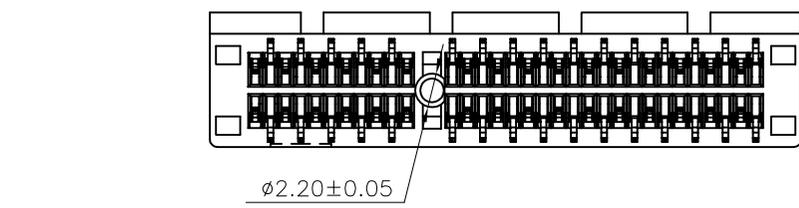
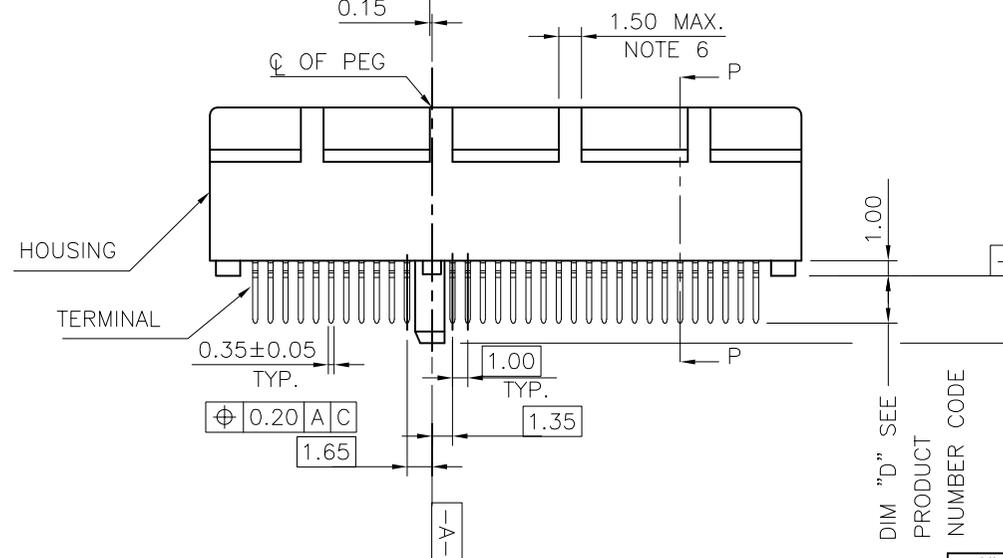
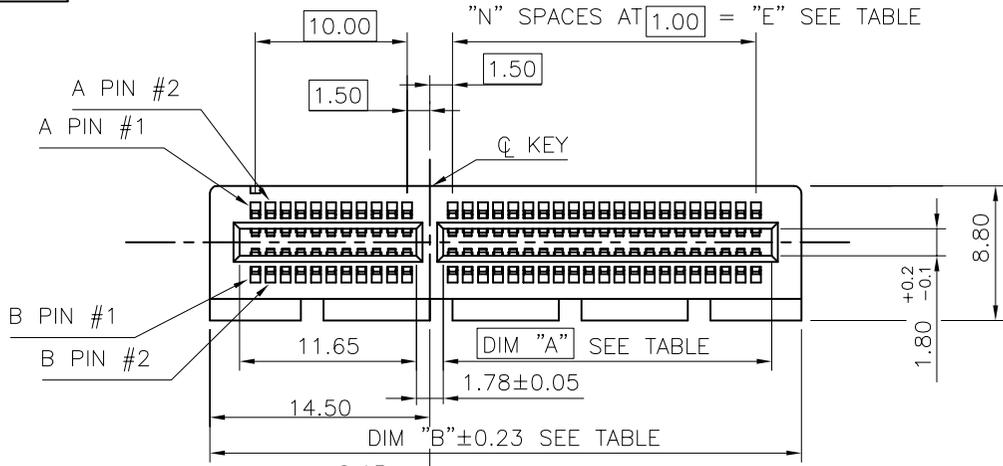


1 | 2

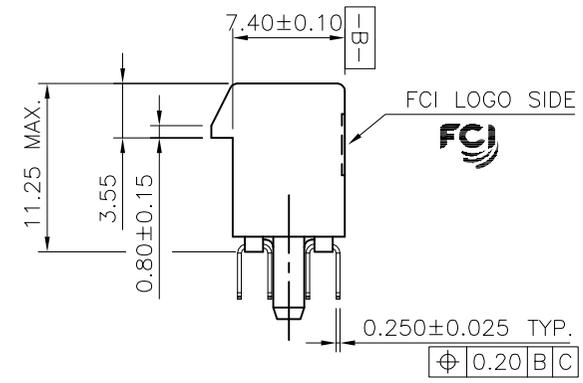
3

4

PRODUCT NO.
10018783-X2XXXX



SECTION P-P



SINGLE PLASTIC PEG TYPE

mat'l. code		surface 58	tolerance	projection	product family
ltr ecn no dr date		tolerances unless otherwise specified		MM	EDGE CARD
T	T05-0208	M-W	09/15/05	.X±0.30	title
U	T10-0007	J-H	1/20/10		
V	ELX-00-1831	S-T	07/16/14	.XX±0.20	PCI EXPRESS GEN3 CARD EDGE ASSY
W	ELX-00-20070	S-T	01/23/15	.XXX±0.10	
sheet index		dr	Stone Li	01/13/15	scale 2:1
revision sheet		enr	Stone Li	01/13/15	FCI logo
		chr	/	/	dwg no
		app	Collins Lu	01/13/15	sheet 2 of 7
					size
					A4
					type
					Customer Drawing

1

3

4

5

B

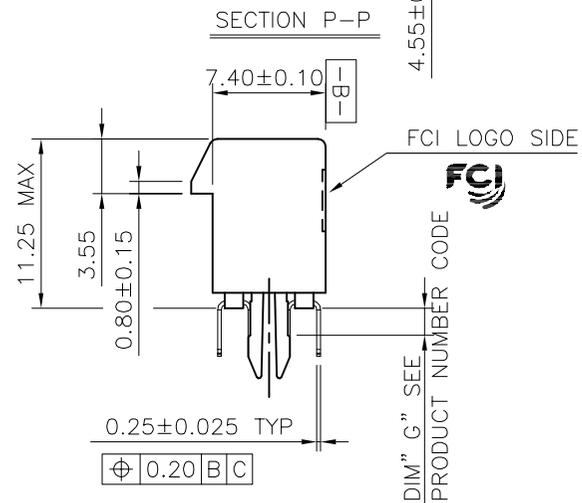
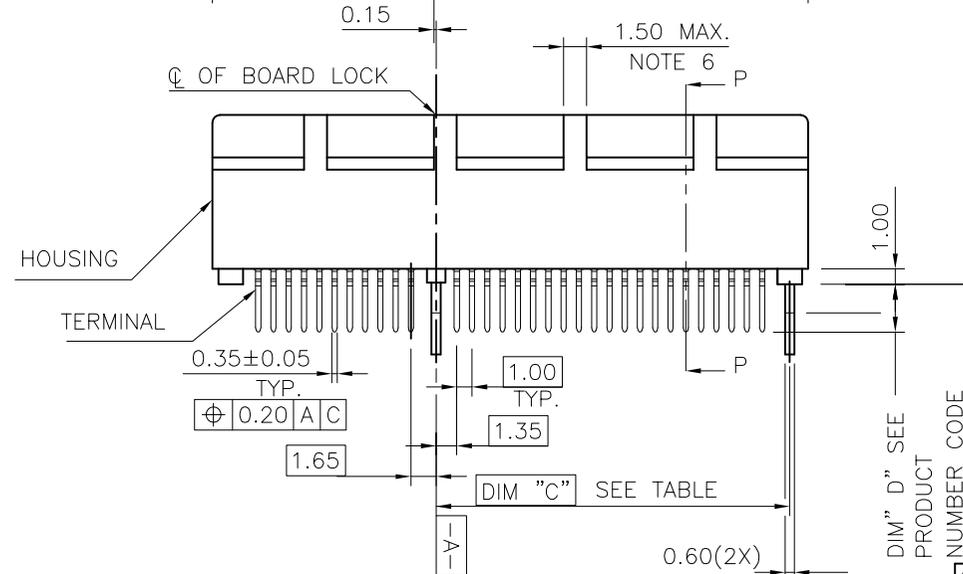
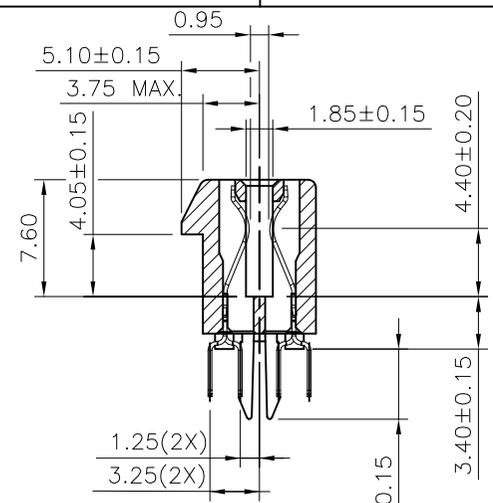
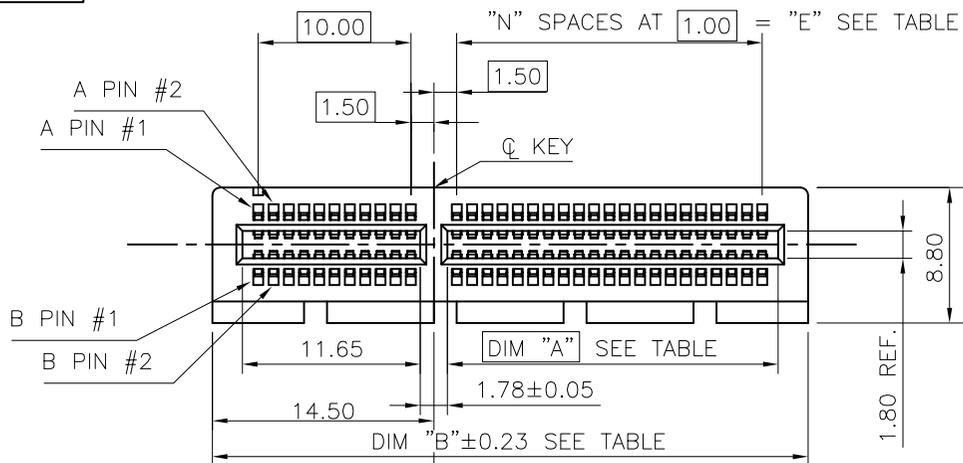


1 | 2

3

4

PRODUCT NO.
10018783-X1XXXX

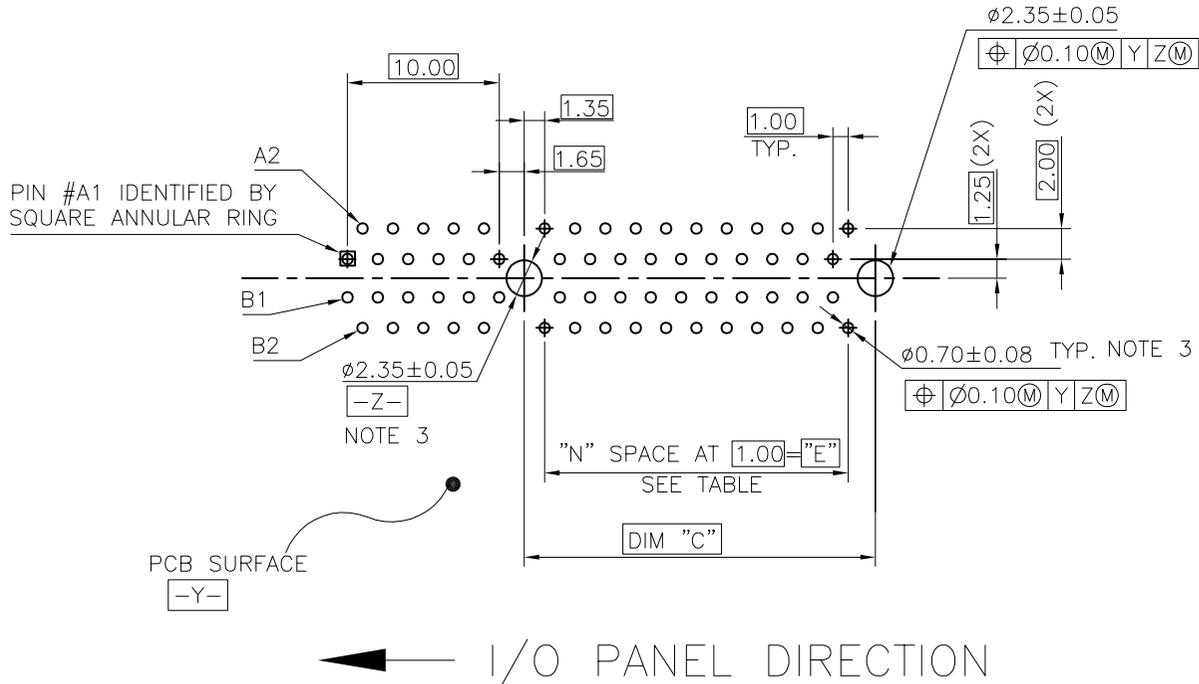


METAL BOARD LOCKS TYPE

mat'l. code		surface 58 / tolerance		projection		product family	
T05-0208 M-W 09/15/05		tolerances unless otherwise specified		MM		EDGE CARD	
T10-0007 J-H 1/20/10		angles		Linear		title	
ELX-00-18311 S-T 07/16/14		0°±2'		.X±0.30		PCI EXPRESS GEN3	
ELX-00-20070 S-T 01/23/15		dr Stone Li 01/13/15		.XX±0.20		CARD EDGE ASSY	
-		chr Stone Li 01/13/15		.XXX±0.10		sheet 3 of 7	
-		appd Collins Lu 01/13/15		scale 2:1		size	
sheet index		revision sheet		FCI		A4	
				type		Customer Drawing	

5

B



RECOMMENDED FOOTPRINT

mat'l. code		surface 58	tolerance	projection	product family
ltr		ecn no	dr	date	EDGE CARD
T	T05-0208	M-W	09/15/05		title PCI EXPRESS GEN3 CARD EDGE ASSY
U	T10-0007	J-H	1/20/10		
V	ELX-00-18311	S-T	07/16/14	0°±2'	sheet 4 of 7 size 10018783 A4
W	ELX-00-20070	S-T	01/23/15	dr Stone Li 01/13/15	
sheet index		revision sheet			type Customer Drawing

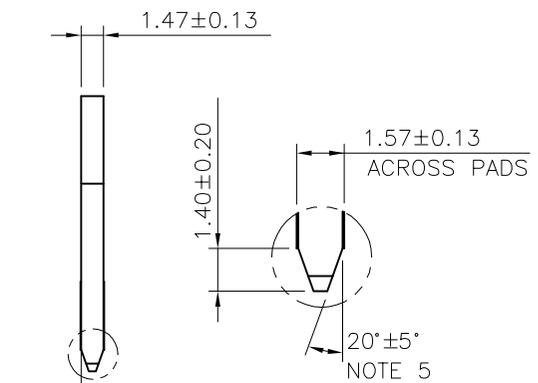
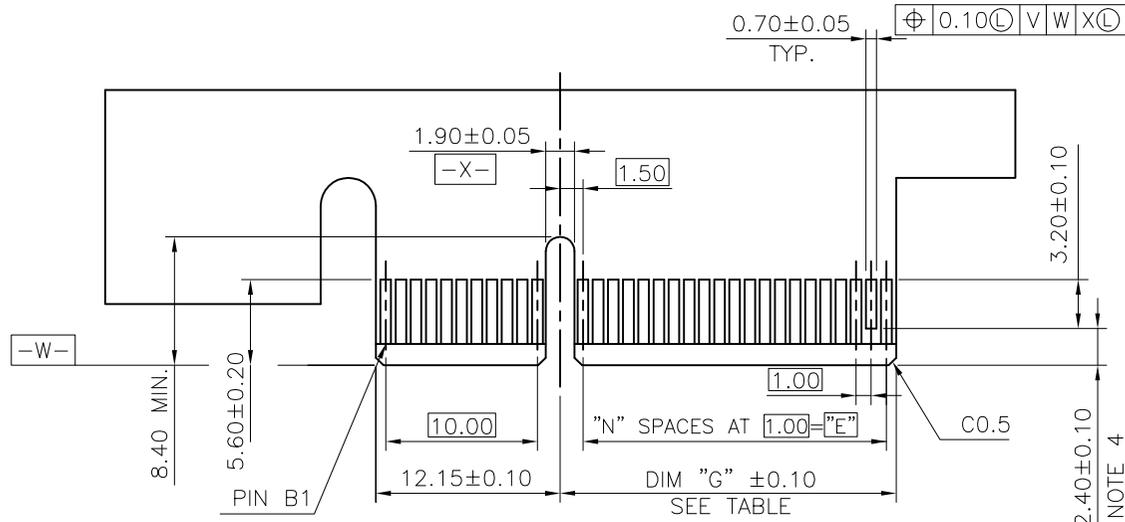
A

A

3

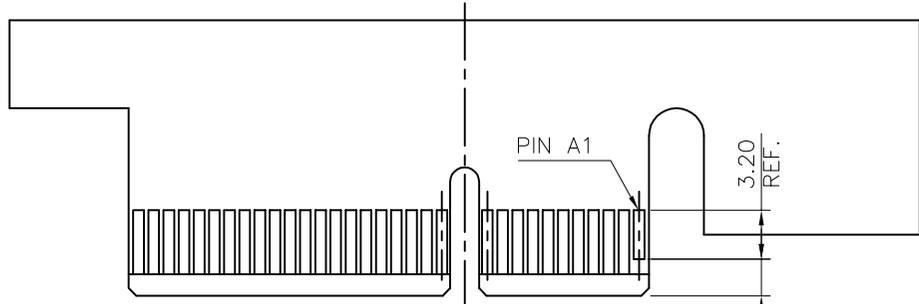
5

B



SCALE 2:1

← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

PIN "F" SEE TABLE 2.40±0.10 NOTE 4

PIN "F" SEE TABLE 2.40±0.10 NOTE 4

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

mat'l. code		surface 58	tolerance	projection	product family
ltr		tolerances unless otherwise specified		MM	EDGE CARD
ecn no	dr	date	angles		
T05-0208	M-W	09/15/05	.X±0.30	scale 2:1	PCI EXPRESS GEN3 CARD EDGE ASSY
U	J-H	1/20/10	.XX±0.20		
V	S-T	07/16/14	0°±2'		
W	S-T	01/23/15	.XXX±0.10	FCI	dwg no
-	-	-	engr Stone Li	01/13/15	sheet 5 of 7
-	-	-	chr /	/	size
-	-	-	appd Collins Lu	01/13/15	A4
sheet index	revision sheet	type Customer Drawing			

NOTES:

1.MATERIAL:

HOUSING: HIGH TEMPERATURE NYLON, GLASS FILLED UL94V-0 RATED.
 TERMINAL: COPPER ALLOY.
 PLATING: SEE PRODUCT NUMBER CODE
 METAL BOARD LOCKS: COPPER ALLOY.
 FINISH: 100u" TIN OVER 50u" NICKEL

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.

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.

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

10018783 -x x x x x □ □

LEAD FREE OPTION

LEAVE BLANK FOR TERMINAL PLATING 3,4,5
 "LF" FOR TERMINAL PLATING OPTION 0,1,2

PACKAGING OPTIONS

T-SOFT TRAY PACKAGING
 M-SOFT TRAY PACKAGING & MYLAR TAPE. SEE FIGULE 1
 Y-HARD TRAY PACKAGING (FOR 164P ONLY)
 Z-HARD TRAY PACKAGING WITH MYLAR (FOR 164P ONLY)
 E-HARD TRAY PACKAGING WITH ANTI-STATIC SHIELDING BAG (FOR 164P ONLY)
 R-TAPE & REEL PACKAGING (FOR 36, 64, 98P)
 A-TAPE & REEL PACKAGING WITH MYLAR (FOR 36, 64, 98P)

POS OPTIONS

0-36
 1-64
 2-98
 3-164

TAIL LENGTH OPTIONS

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

	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		surface 58	tolerance	projection	product family
lfr ecn no dr date		tolerances unless otherwise specified		MM	EDGE CARD
T	T05-0208	M-W	09/15/05		
U	T10-0007	J-H	1/20/10	line	PCI EXPRESS GEN3
V	ELX-00-18311	S-T	07/16/14	0°±2'	CARD EDGE ASSY
W	ELX-00-20070	S-T	01/23/15	dr	scale 1:1
-	-	-	-	enr	Stone Li
-	-	-	-	chr	Stone Li
-	-	-	-	appd	Collins Lu
sheet index	revision sheet			sheet 6 of 7 size A4	
				type Customer Drawing	

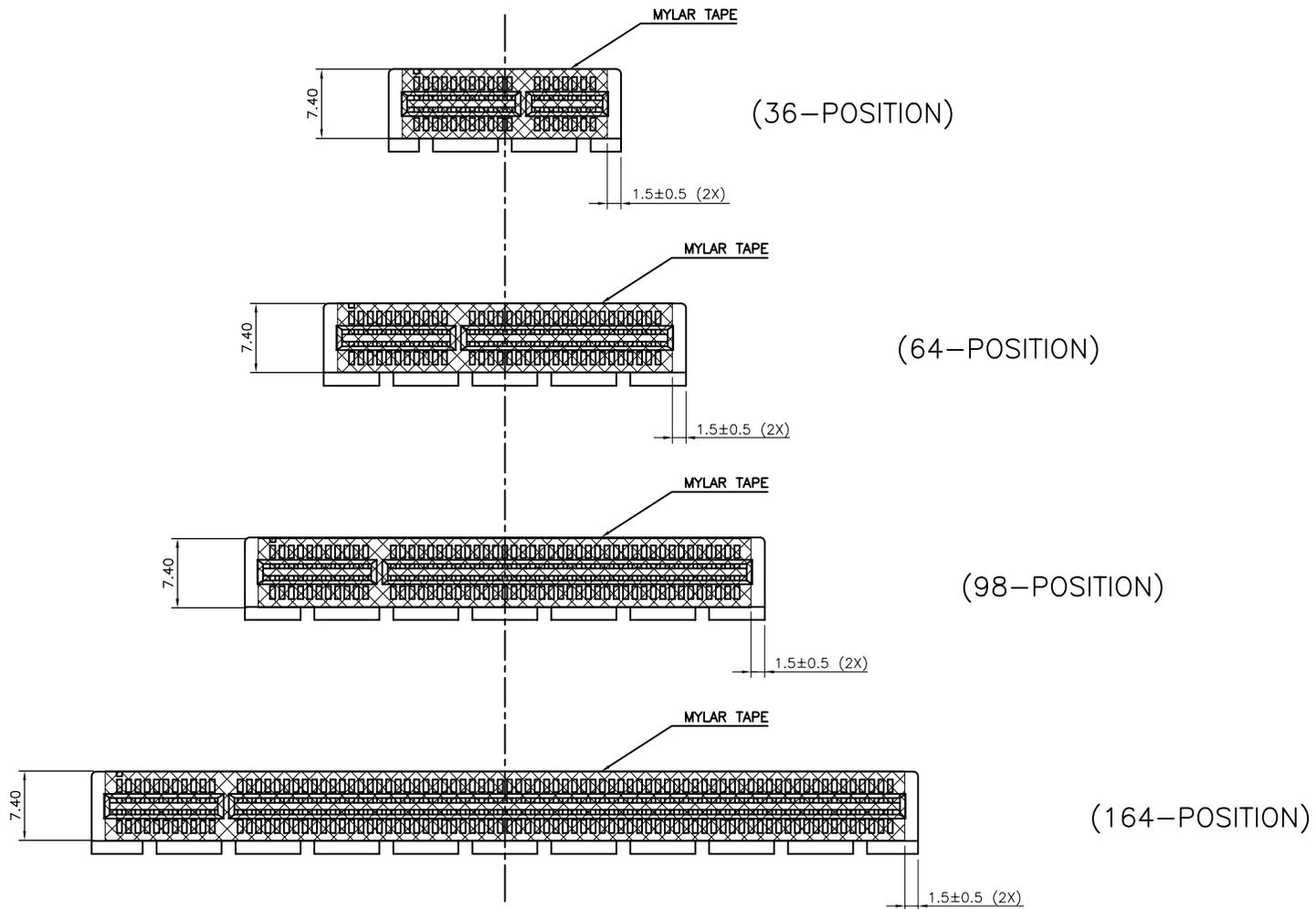


FIGURE 1

A

A

B

B

mat'l. code		surface ss / tolerance		projection	product family	
Ltr	ecn no	dr	date	tolerances unless otherwise specified	EDGE CARD	
T	T05-0208	M-W	09/15/08	.Xs8.38	PCI EXPRESS GEN3 CARD EDGE ASSY	
U	T10-0007	J-H	1/20/10	angles .XXs8.28		
V	82X-00-1811	S-T	07/16/14	σ±2 .XXXs8.18	scale 1.5:1	
W	82X-00-2070	S-T	01/23/15	dr Stone Li	01/23/15	
-	-	-	-	enrg Stone Li	01/23/15	
-	-	-	-	chr /	/	
-	-	-	-	app Collins Lu	01/23/15	
sheet	revision	FCI			dwg no	sheet 7 of 7
index	sheet	type			10018783	size A4
					Customer Drawing	