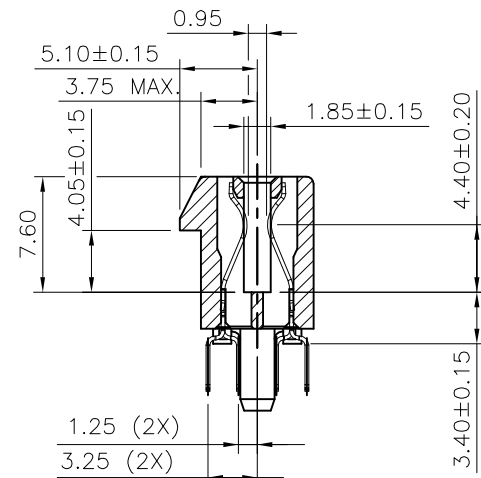
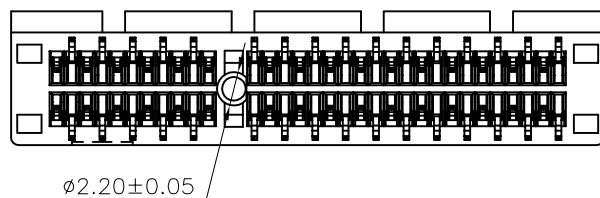
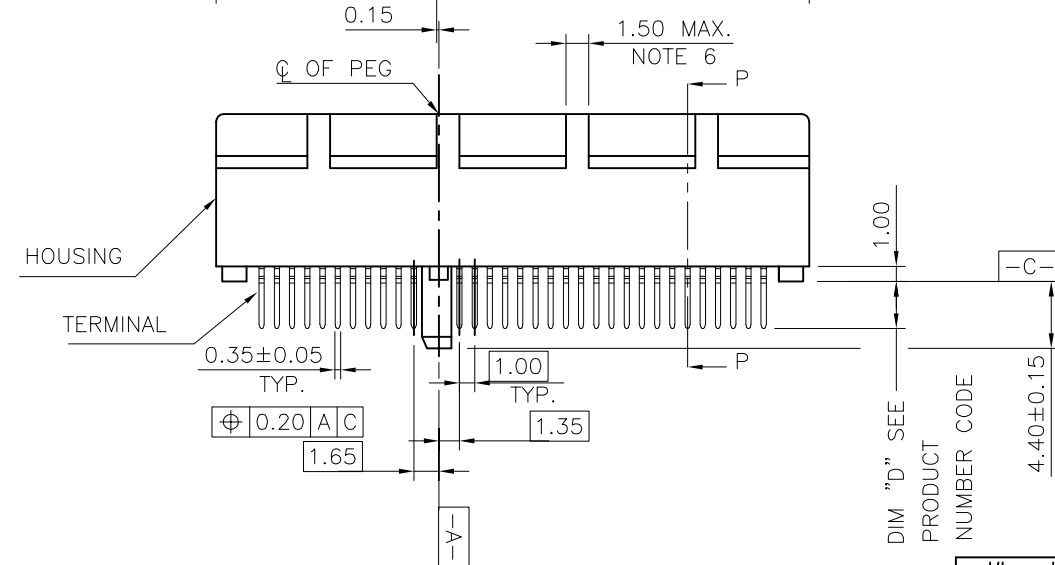
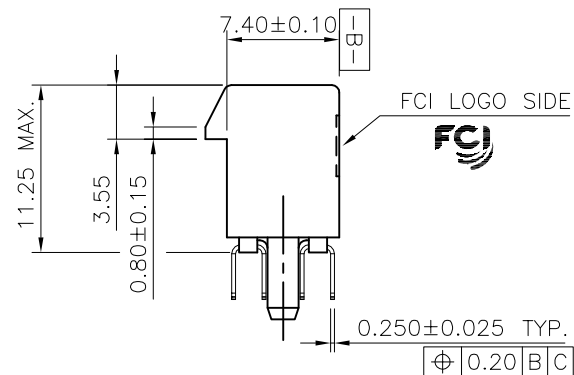


mat'l. code				surface 58 ✓ tolerance				projection 				product family EDGE CARD			
ltr ecn no dr date				tolerances unless otherwise specified				title				PCI EXPRESS GEN3 CARD EDGE ASSY 			
T T05-0208 M-W 09/15/05				angles $\begin{matrix} \text{linear} \\ \text{circular} \end{matrix}$.X±.30				MM 							
U T10-0007 J-H 1/20/10				.XX±.20				scale 2:1							
V ELX-DG-18311 S-T 07/16/14				0'±.2' .XXX±.10											
W ELX-DG-20070 S-T 01/23/15				dr Stone Li 01/13/15								dwg no sheet 1 of 7 size			
- - - -				engr Stone Li 01/13/15								10018783 A4			
				chr / /											
				appd Collins Lu 01/13/15								type Customer Drawing			
sheet index		revision sheet		W	W	W	W	W	W	W	W	W	W	W	
				1	2	3	4	5	6	7					

10018783-X2XXXX



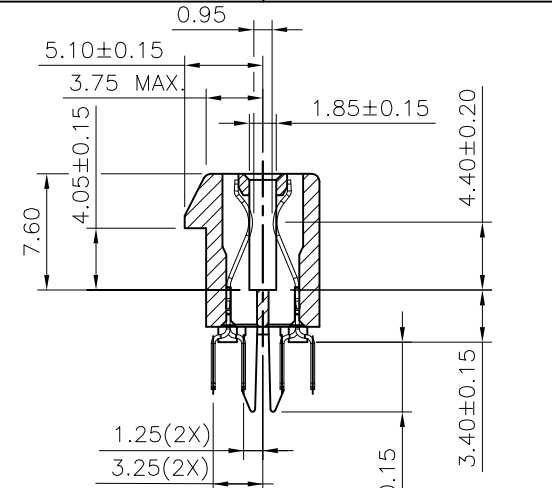
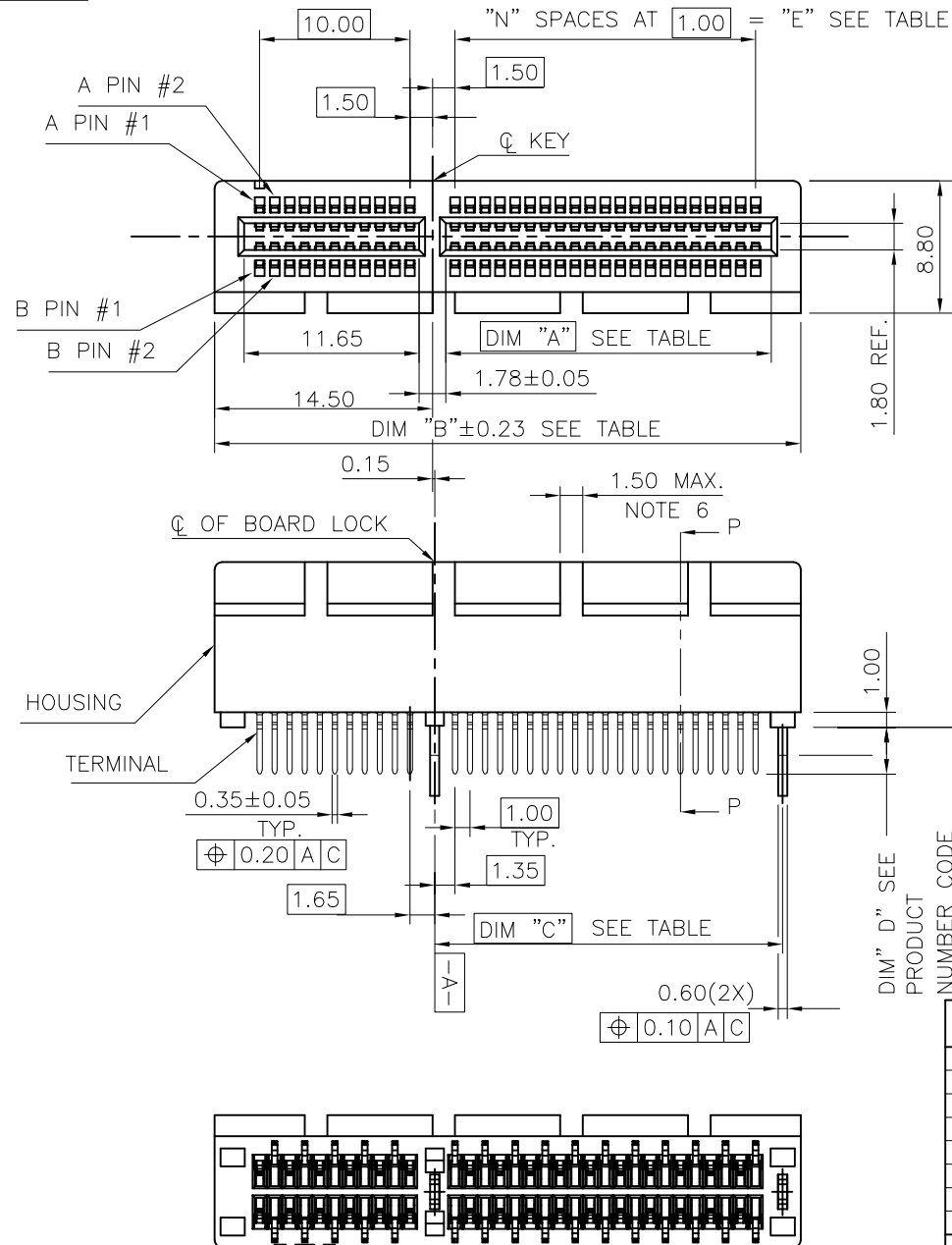
SECTION P-P



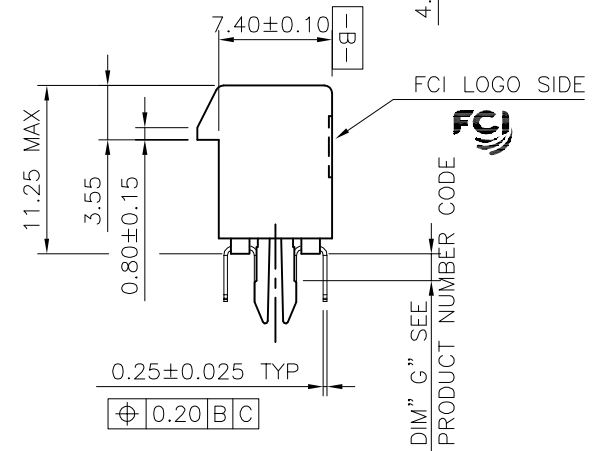
SINGLE PLASTIC PEG TYPE

mat'l. code				surface 58 ✓ tolerance		projection 		product family EDGE CARD			
ltr		ecn no		dr		date		tolerances unless otherwise specified			
T		T05-0208		M-W		09/15/05		angles unless otherwise specified		title	
U		T10-0007		J-H		1/20/10		linear .X0.30		PCI EXPRESS GEN3 CARD EDGE ASSY 	
V		ELX-06-18311		S-T		07/16/14		0'±2' linear .XX±0.20		scale 2:1	
W		ELX-06-20070		S-T		01/23/15		dr Stone Li 01/13/15		dwg no sheet 2 of 7 size	
-		-		-		-		engr Stone Li 01/13/15		10018783 A4	
								chr / /			
								appd Collins Lu 01/13/15		type Customer Drawing	
sheet index		revision sheet									

PRODUCT NO.
10018783-X1XXXX

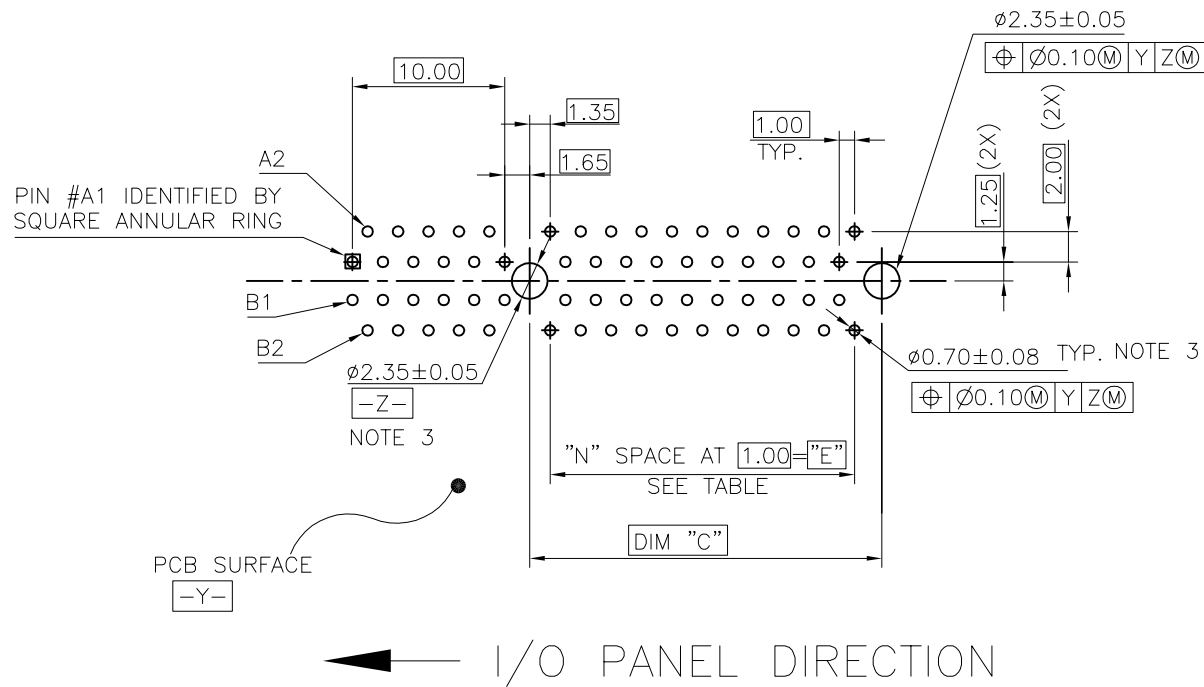


SECTION P-P



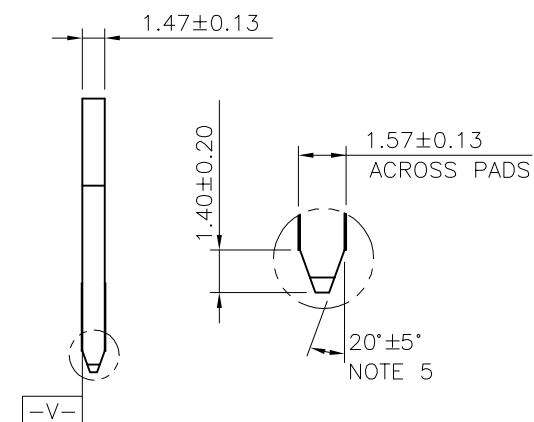
METAL BOARD LOCKS TYPE

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	angles	.X±0.30		PCI EXPRESS GEN3		
U	T10-0007	J-H	1/20/10	Linear	.XX±0.20	scale 2:1	CARD EDGE ASSY		
V	ELX-00-18311	S-T	07/16/14	0°±2'	.XXX±0.10				
W	ELX-00-20070	S-T	01/23/15	dr	Stone Li	01/13/15	FCI		
-	-	-	-	engr	Stone Li	01/13/15	dwg no		
-	-	-	-	chr	/	/	10018783		
-	-	-	-	appd	Collins Lu	01/13/15	sheet 3 of 7		
sheet index		revision sheet						size	
								A4	
								type	
								Customer Drawing	



RECOMMENDED FOOTPRINT

mat'l. code				surface $\checkmark$		tolerance		projection 		product family EDGE CARD							
				tolerances unless otherwise specified						 MM		title PCI EXPRESS GEN3 CARD EDGE ASSY 					
ltr		ecn no		dr		date		angles						Linear			
T		T05-0208		M-W		09/15/05										.X±0.30	
U		T10--0007		J-H		1/20/10										.XX±0.20	
V		ELX--18311		S-T		07/16/14		0°±2'				.XXX±0.10		scale 2:1			
W		ELX-DG-20070		S-T		01/23/15		dr		Stone Li		01/13/15		dwg no sheet 4 of 7 size 10018783 A4			
-		-		-		-		enrg		Stone Li		01/13/15					
								chr		/		/					
								appd		Collins Lu		01/13/15					
sheet index		revision sheet															



PIN "F" SEE TABLE	2.40±0.1
NOTE 4	

I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

# 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

mat'l. code				surface $\sqrt{8}$ / tolerance		projection		product family EDGE CARD				
ltr	ecn	no	dr	date	tolerances unless otherwise specified		  	title PCI EXPRESS GEN3 CARD EDGE ASSY 				
T	T05-0208	M-W		09/15/05	angles	linear						
U	T10-0007	J-H		1/20/10								
V	ELX-18311	S-T		07/16/14	0±2"							
W	ELX-00-20070	S-T		01/23/15	dr	Stone Li	01/13/15	dwg no		sheet 5 of 7	size	
-	-	-	-	-	engr	Stone Li	01/13/15	10018783			A4	
					chr	/	/					
					appd	Collins Lu	01/13/15	type		Customer Drawing		
sheet index		revision sheet										

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

HOUSING COLOR OPTIONS

0-NATURAL
1-BLACK

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 FIGURE 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)

PEGS OPTIONS

0-PLASTIC PEGS
1-METAL BOARD LOCKS
2-SINGLE PLASTIC PEGS

POS OPTIONS

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

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

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				surface 58	tolerance	projection	product family EDGE CARD		
lfr	ecn no	dr	date	tolerances unless otherwise specified			title		
T	T05-0208	M-W	09/15/05	angles	.X±0.30		PCI EXPRESS GEN3		
U	T10-0007	J-H	1/20/10	linear	.XX±0.20	MM	CARD EDGE ASSY		
V	ELX-00-18311	S-T	07/16/14	0°±2°	.XXX±0.10	scale 1:1	dwg no		
W	ELX-00-20070	S-T	01/23/15	dr	Stone Li	01/23/15	sheet 6 of 7 size		
-	-	-	-	engr	Stone Li	01/23/15	10018783		
-	-	-	-	chr	/	/	A4		
-	-	-	-	appd	Collins Lu	01/23/15	type Customer Drawing		
sheet index	revision sheet								

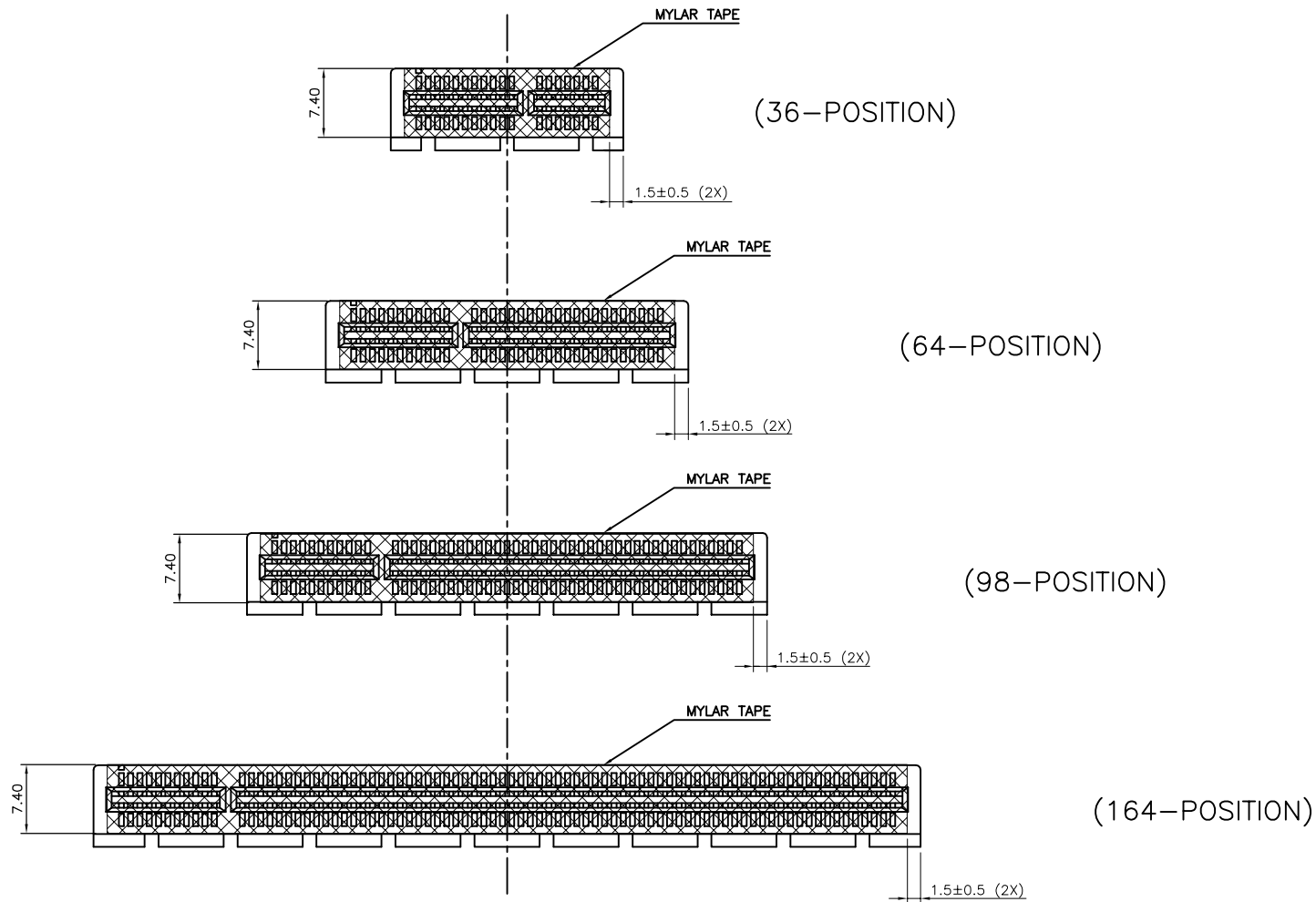


FIGURE 1

mat'l. code				surface	ss	tolerance	projection	product family		
ltr	ecr	no	dr	date	tolerances unless otherwise specified			EDGE CARD		
T	T05-0206	M-W	09/15/08		angles	.X±0.30		PCI EXPRESS GEN3		
U	T10-0007	J-H	1/20/10		length	.XX±0.20	MM	CARD EDGE ASSY		
V	BLX-00-18211	S-T	07/16/14		0°±2°	.XXX±0.10	scale 1.5:1			
W	BLX-00-20070	S-T	01/23/15		dr	Stone Li	01/23/15		dwg no	sheet 7 of 7
-	-	-	-		engr	Stone Li	01/23/15		10018783	size A4
-	-	-	-		chr	/	/			
					app	Collins Lu	01/23/15	type Customer Drawing		
sheet index	revision	sheet								