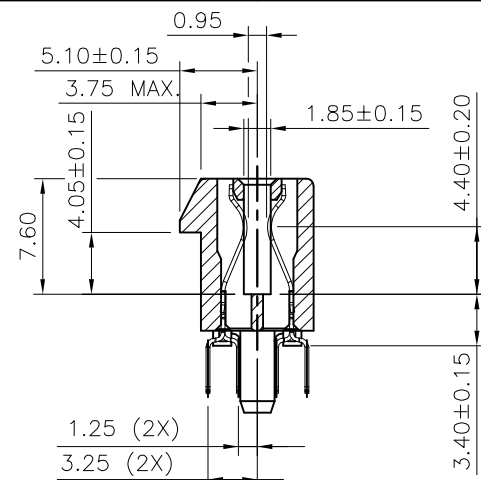
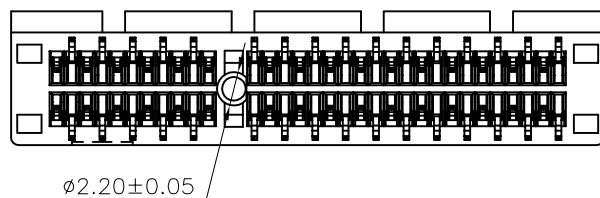
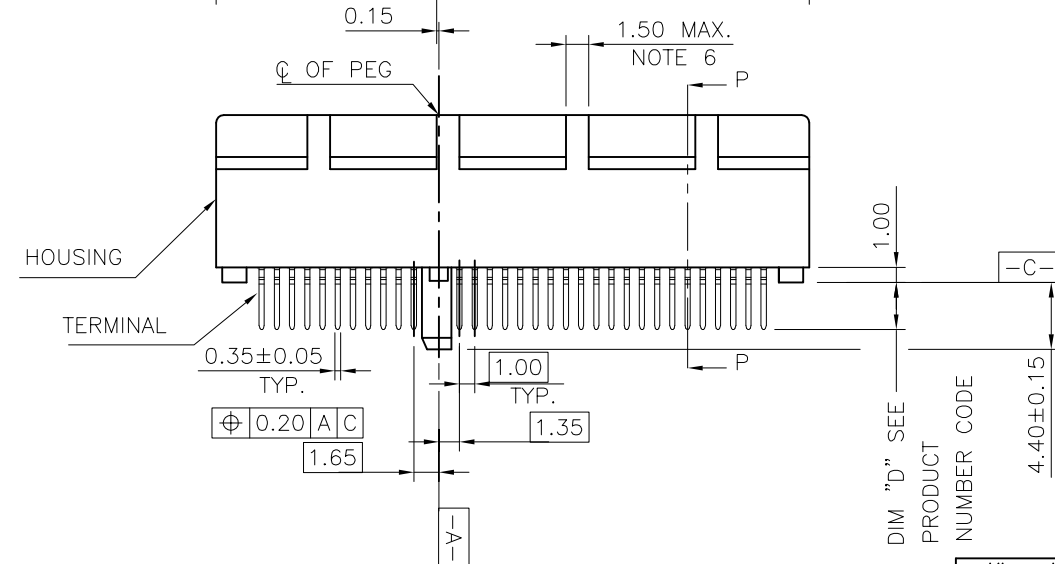
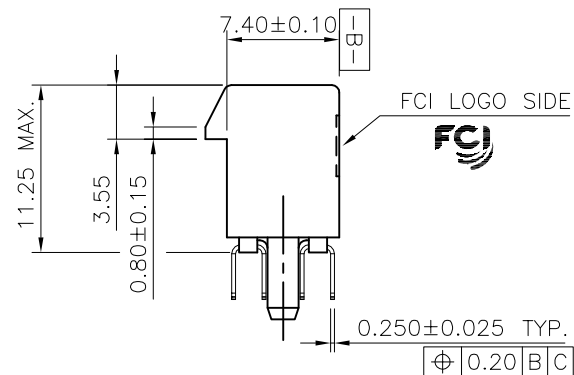


mat'l. code				surface 58 ✓ tolerance		projection		product family EDGE CARD					
ltr		ecn no		dr		date		tolerances unless otherwise specified				title	
T		T05-0208		M-W		09/15/05		angles		linear .X±.30		PCI EXPRESS GEN3	
U		T10-0007		J-H		1/20/10				linear .XX±.20		CARD EDGE ASSY	
V		ELX-DG-18311		S-T		07/16/14		0'±'		linear .XXX±.10		scale 2:1	
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	
				1		2		3		4		5	
				7									

10018783-X2XXXX



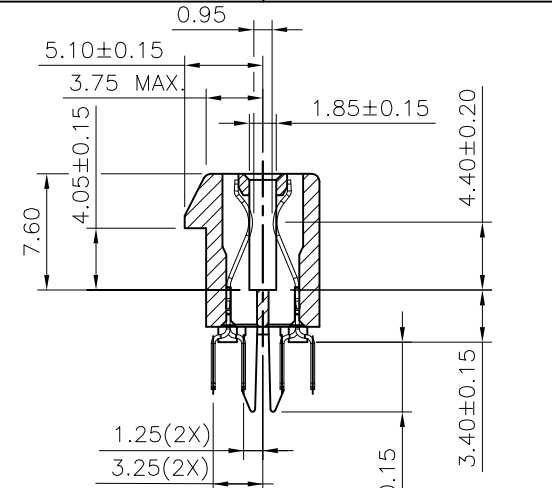
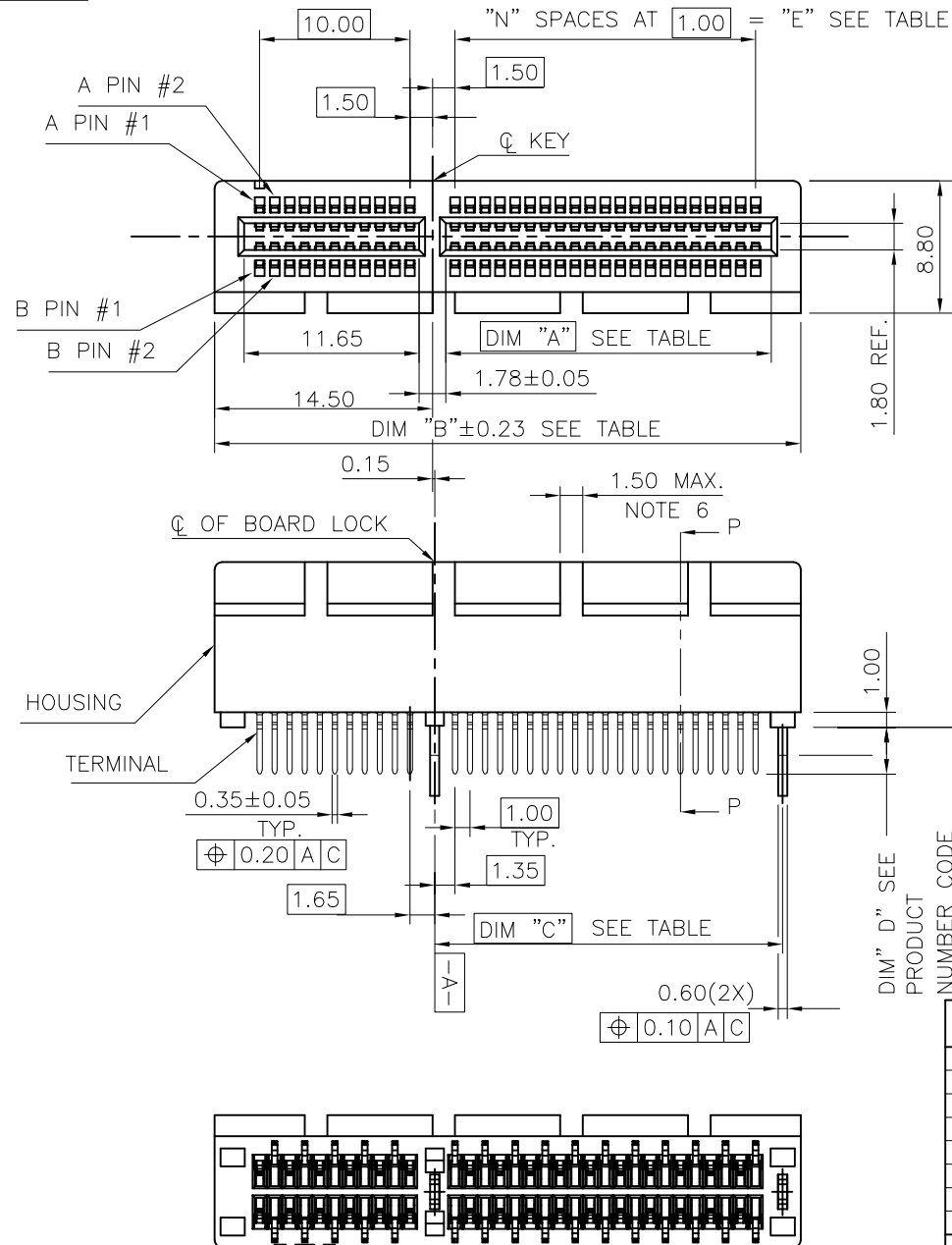
SECTION P-P



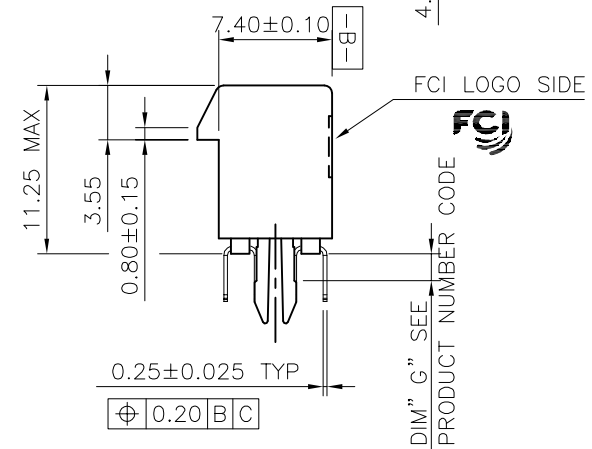
SINGLE PLASTIC PEG TYPE

mat'l. code				surface $\checkmark$ / tolerance		projection 		product family EDGE CARD			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title	
T		T05-0208		M-W		09/15/05		angles $\angle$ linear $\perp$.X $\pm$ 0.30		PCI EXPRESS GEN3 	
U		T10-0007		J-H		1/20/10		.XX $\pm$ 0.20		CARD EDGE ASSY 	
V		BLX-DG-18311		S-T		07/16/14		0' $\pm$ 2' .XXX $\pm$ 0.10		scale 2:1	
W		BLX-DG-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		FCI 	
sheet index		revision sheet								type Customer Drawing	

PRODUCT NO.
10018783-X1XXXX



SECTION P-P



METAL BOARD LOCKS TYPE

mat'l. code				surface 58		tolerance		projection		product family			
										EDGE CARD			
ltr				ecn no		dr		date		tolerances unless otherwise specified		title	
T				T05-0208		M-W		09/15/05		angles		PCI EXPRESS GEN3	
U				T10-0007		J-H		1/20/10		Linear		CARD EDGE ASSY	
V				ELX-00-18311		S-T		07/16/14		0°±2'			
W				ELX-00-20070		S-T		01/23/15		scale 2:1			
-				-		-		-				dwg no	
												sheet 3 of 7	
												size	
												10018783	
												A4	
												type	
												Customer Drawing	
sheet index				revision sheet									

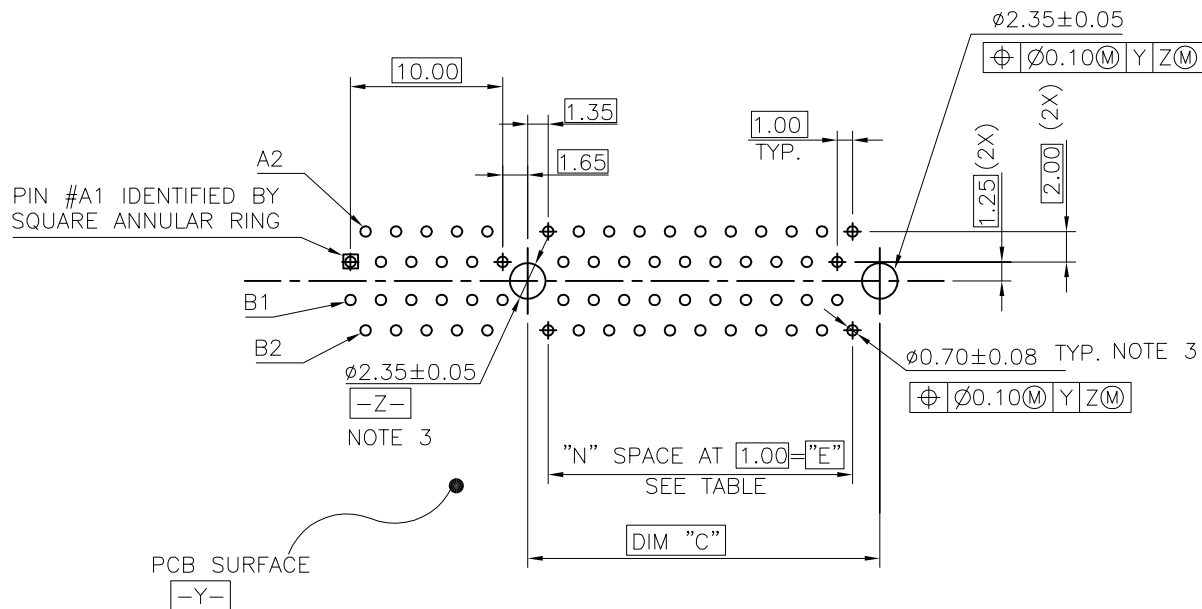
title
PCI EXPRESS GEN3
CARD EDGE ASSY

dwg no
10018783

sheet 3 of 7

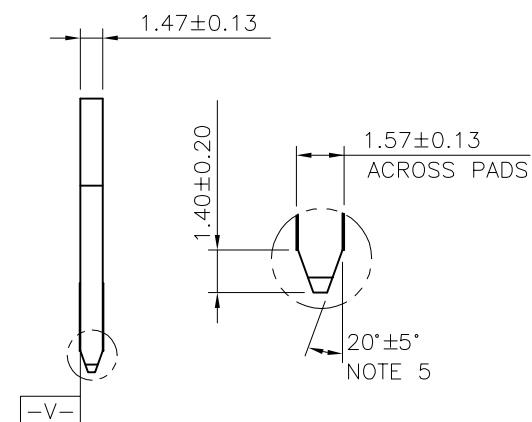
size
A4

type
Customer Drawing



RECOMMENDED FOOTPRINT

mat'l. code				surface 58	tolerance	projection	product family EDGE CARD		
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title PCI EXPRESS GEN3 CARD EDGE ASSY		
T	T05-0208	M-W	09/15/05	angles	.X±0.30				
U	T10-0007	J-H	1/20/10	line dr	.XX±0.20	scale 2:1	dwg no 10018783 sheet 4 of 7 size A4		
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	type Customer Drawing		
-	-	-	-	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		MM 		title			
T T05-0208 M-W 09/15/05				angles unless otherwise specified		FCI 		PCI EXPRESS GEN3 CARD EDGE ASSY 			
U T10-0007 J-H 1/20/10				linear .X0.30							
V ELX-06-18311 S-T 07/16/14				.XX0±0.20							
W ELX-06-20070 S-T 01/23/15				dr Stone Li 01/13/15		scale 2:1		dwg no sheet 5 of 7 size			
- - - -				enrg Stone Li 01/13/15		FCI 		10018783 A4			
				chr / /							
				appd Collins Lu 01/13/15							
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 □ □

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

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
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

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)

mat'l. code				surface 58	tolerance	projection	product family	
lfr	ecn no	dr	date	tolerances unless otherwise specified		 MM scale 1:1	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	CARD EDGE ASSY		
V	ELX-00-18311	S-T	07/16/14	0'±2"	.XX±0.10			
W	ELX-00-20070	S-T	01/23/15	dr	Stone Li	01/23/15	dwg no	
-	-	-	-	enrg	Stone Li	01/23/15	sheet 6 of 7	
				chr	/	/	size	
				appd	Collins Lu	01/23/15	10018783	
sheet index				revision sheet		type		Customer Drawing

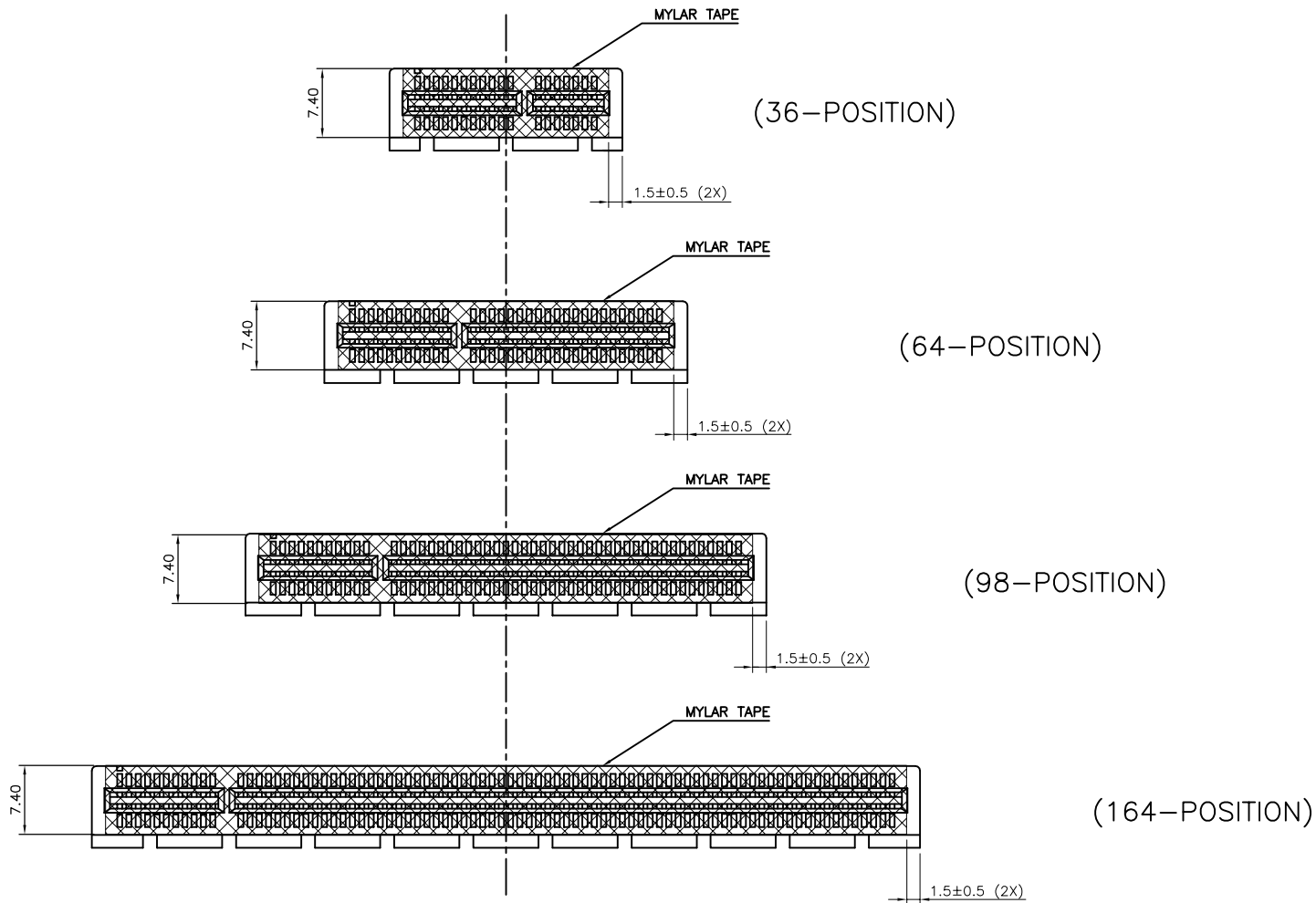


FIGURE 1

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