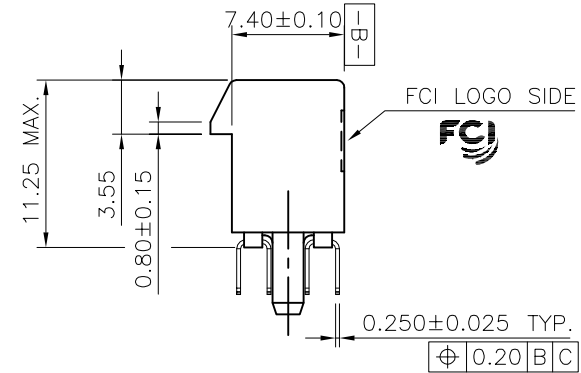
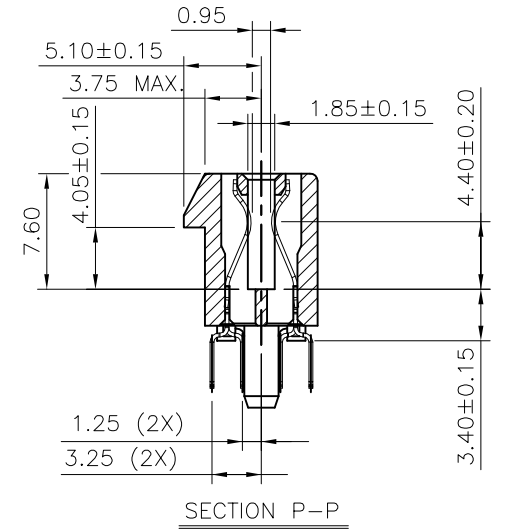
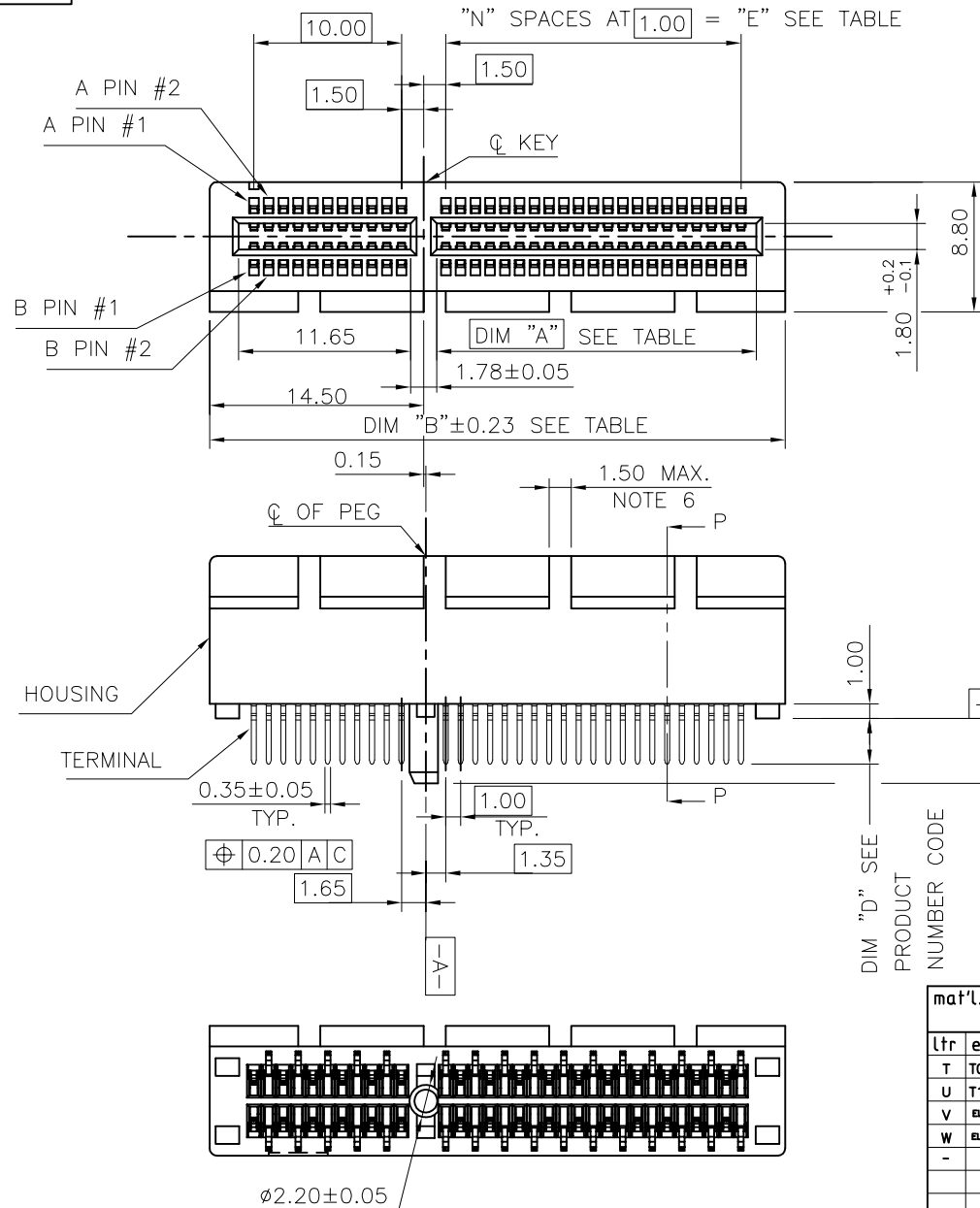


mat'l. code				surface 58 ☒ tolerance				projection 				product familyEDGE CARD			
litr ecn no dr date				tolerances unless otherwise specified				title				PCI EXPRESS GEN3  CARD EDGE ASSY			
T T05-0208 M-W 09/15/05				angles ☐ linear ☒ .X±0.30				MM 							
U T10-0007 J-H 1/20/10				.XX±0.20											
V ELX-DG-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				FCI 							
- - - -				engr Stone Li 01/13/15								dwg no sheet 1 of 7 size			
				chr / /								10018783A4			
				appd Collins Lu 01/13/15								typeCustomer Drawing			
sheet index		revision sheet		W	W	W	W	W	W	W	W	W	W	W	
				1	2	3	4	5	6	7					

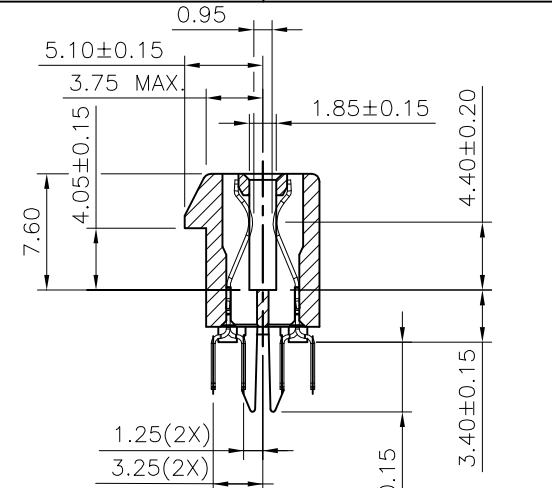
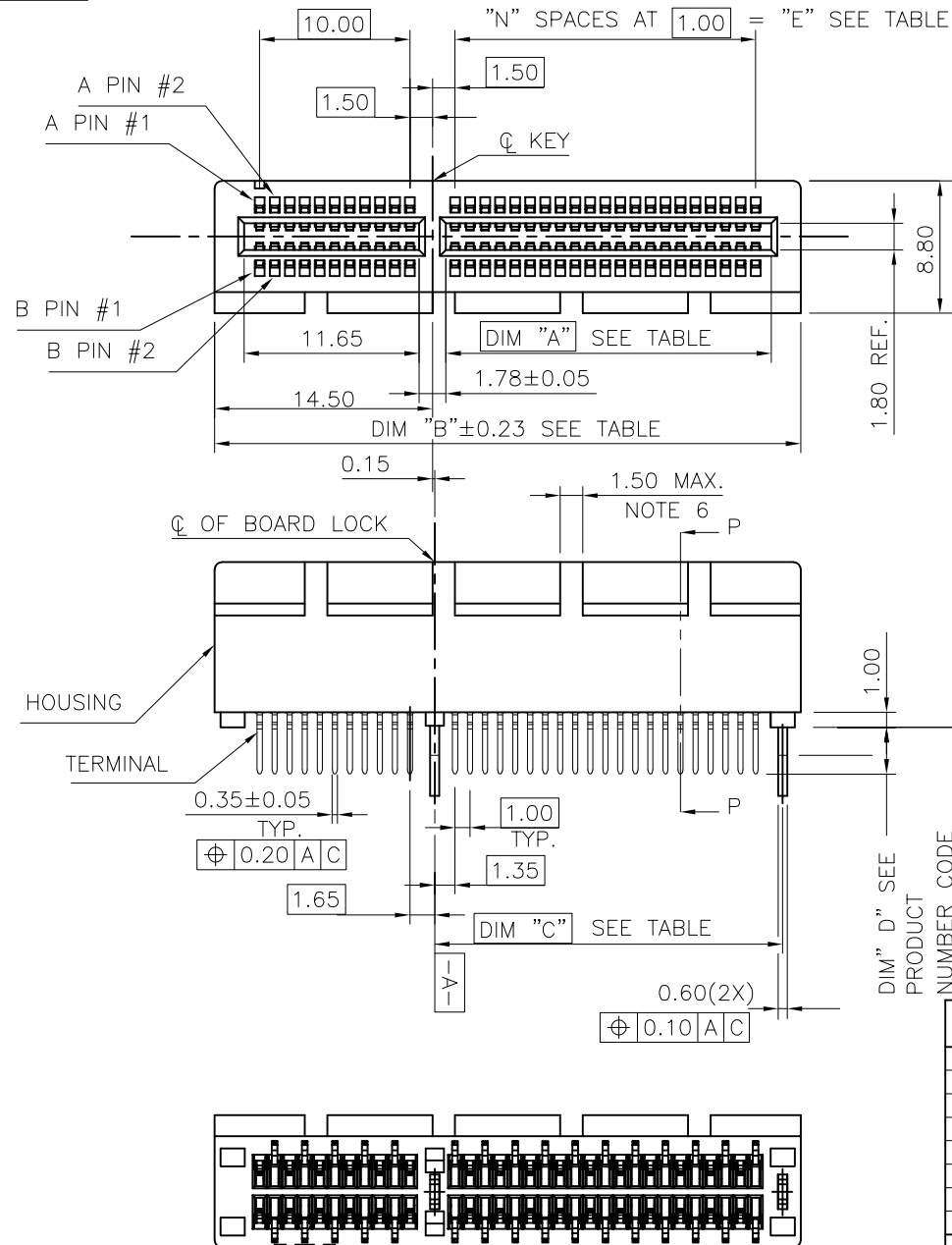
PRODUCT NO.
10018783-X2XXXX



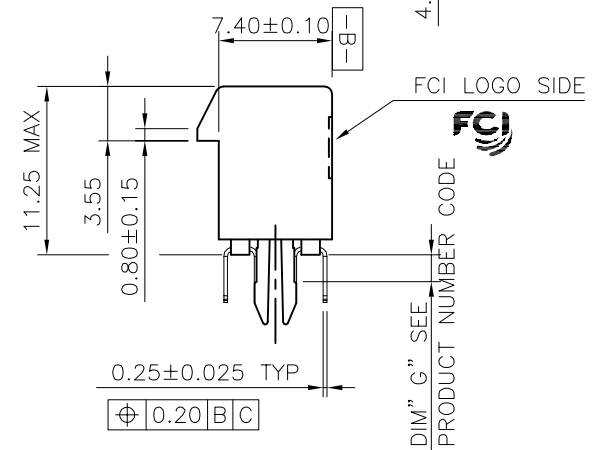
SINGLE PLASTIC PEG TYPE

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

PRODUCT NO.
10018783-X1XXXX

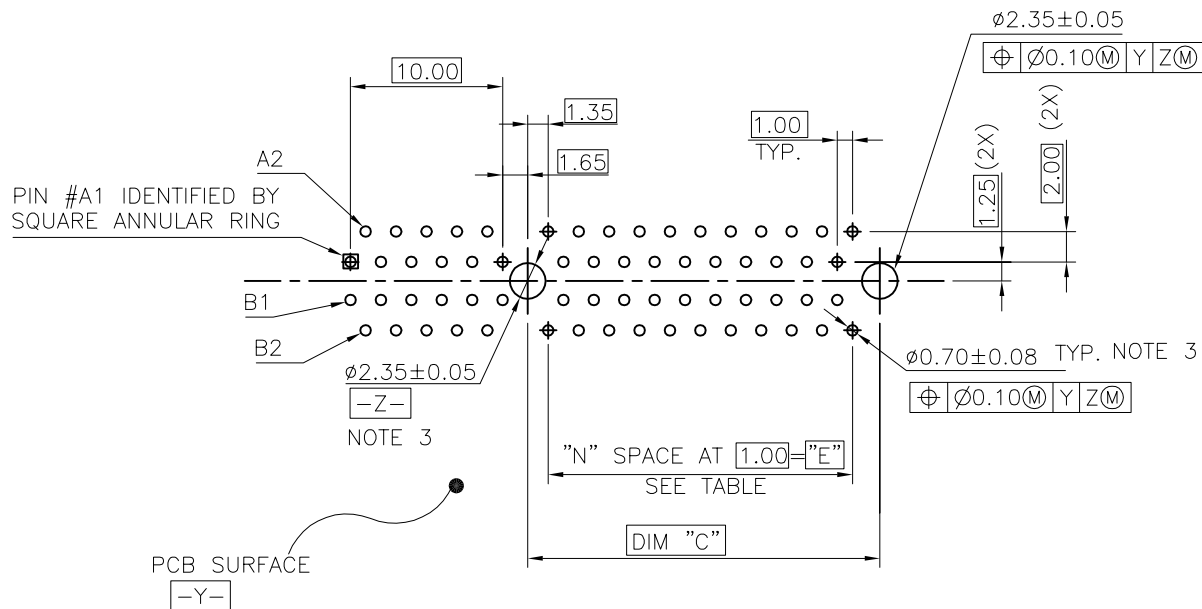


SECTION P-P



METAL BOARD LOCKS TYPE

mat'l. code				surface 58	tolerance	projection	product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified		Φ	EDGE CARD	
T	T05-0208	M-W	09/15/05	angles	.X±0.30	MM	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		
-	-	-	-	engr	Stone Li	01/13/15		
-	-	-	-	chr	/	/		
-	-	-	-	appd	Collins Lu	01/13/15		
sheet index	revision sheet						dwg no	sheet 3 of 7
							10018783	size A4
							type	Customer Drawing



A

A

3

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±0.30	
U		T10-0007		J-H		1/20/10		linear		linear		.XX±0.20	
V		ELX-00-18311		S-T		07/16/14		0°±2°		linear		.XXX±0.10	
W		ELX-00-20070		S-T		01/23/15		dr		Stone Li		01/13/15	
-		-		-		-		enrg		Stone Li		01/13/15	
								chr		/		/	
								appd		Collins Lu		01/13/15	
sheet index		revision sheet											

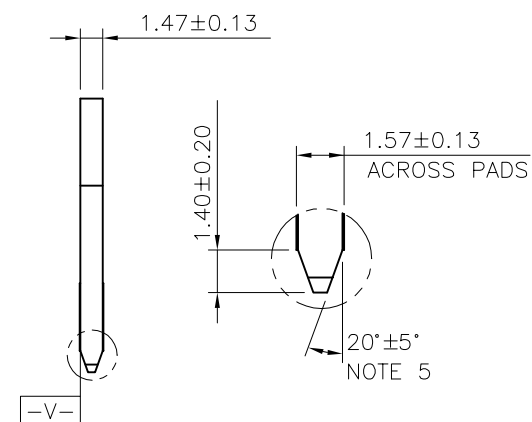


dwg no		sheet 4 of 7		size	
10018783				A4	
type		Customer Drawing			



5

B



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

ADD-IN CARD EDGE-FINGER DIMENSIONS

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		linear .X±0.30		PCI EXPRESS GEN3 			
U T10-0007 J-H 1/20/10						.XX±0.20		CARD EDGE ASSY			
V ELX-06-18311 S-T 07/16/14				0'±2'		.XXX±0.10		scale 2:1			
W ELX-06-20070 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		/ /		type		Customer Drawing	
				appd		Collins Lu 01/13/15					
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 □ □

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		sheet 6 of 7		
W	ELX-00-20070	S-T	01/23/15	dr	Stone Li	01/23/15	dwg no		
-	-	-	-	engr	Stone Li	01/23/15	10018783		
				chr	/	/	size		
				appd	Collins Lu	01/23/15	A4		
sheet index		revision sheet				type		Customer Drawing	

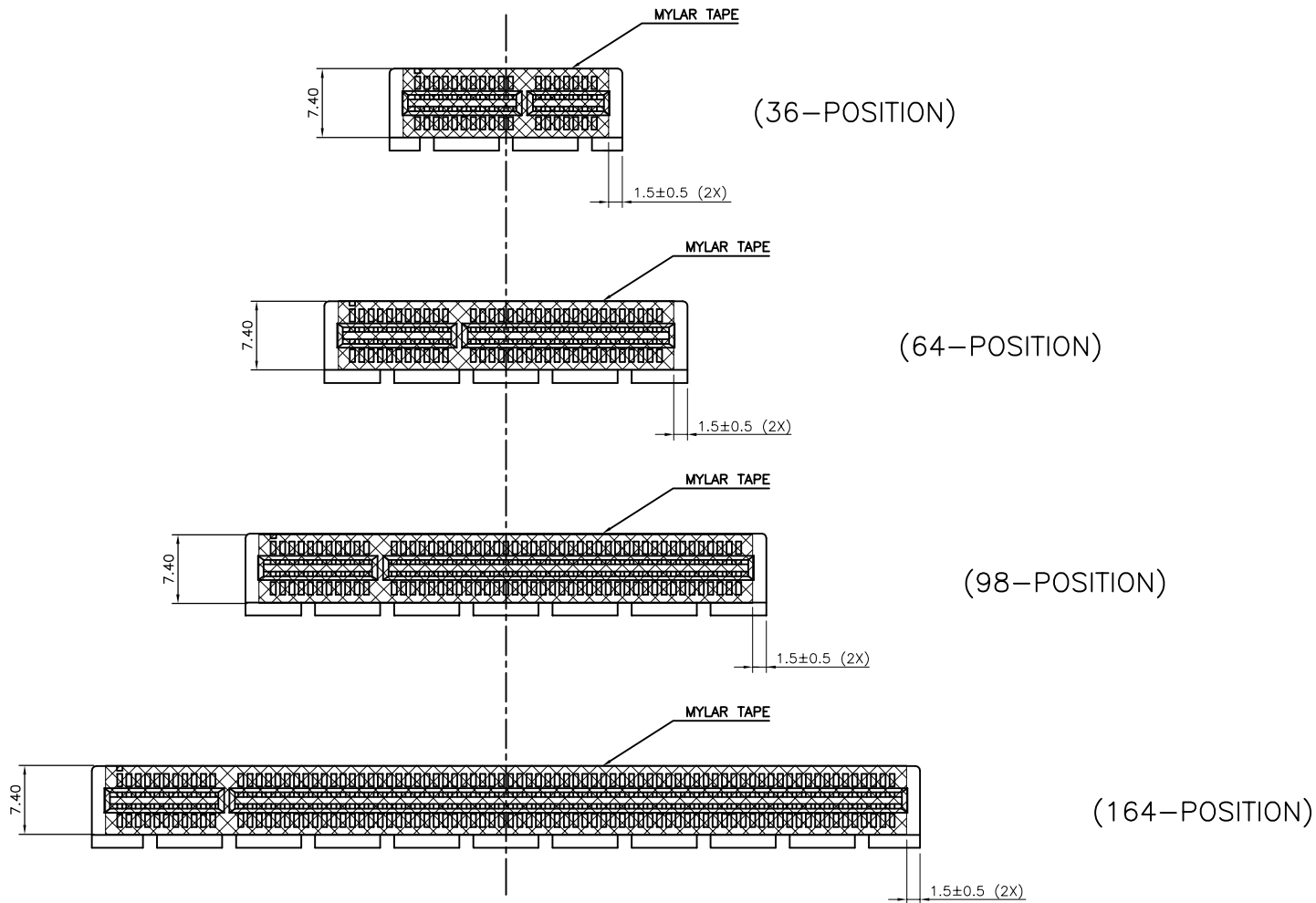


FIGURE 1

mat'l. code				surface	ss	tolerance	projection	product family		
ltr	ecn no	dr	date	tolerances unless otherwise specified			 MM	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	scale 1.5:1	CARD EDGE ASSY		
V	BLX-00-18211	S-T	07/16/14	0°±2°		.XXX±0.10				
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						
				appd	Collins	Lu	01/23/15	type Customer Drawing		
sheet index	revision sheet									