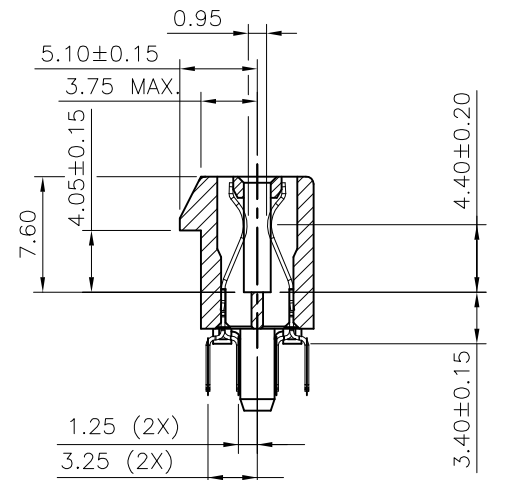
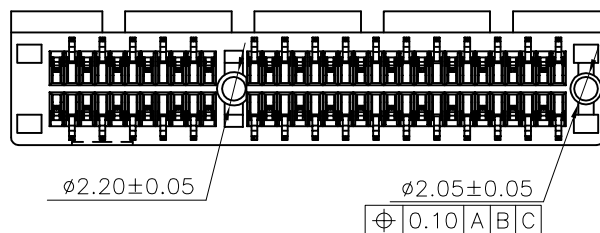
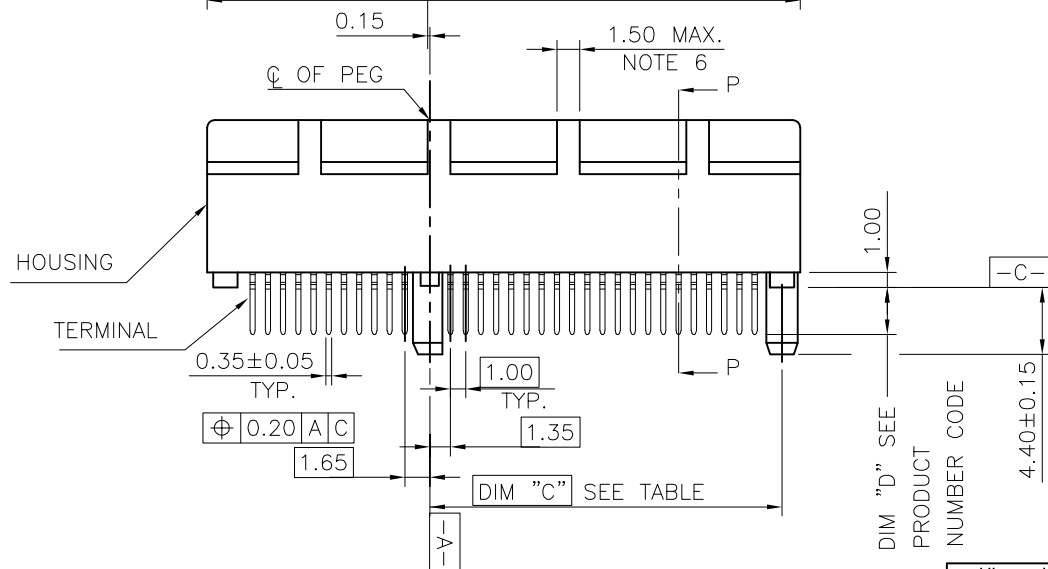
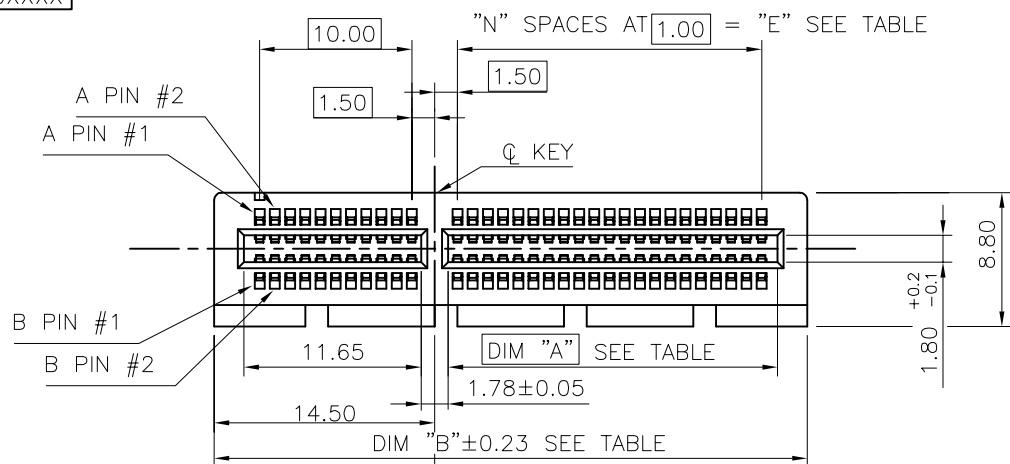
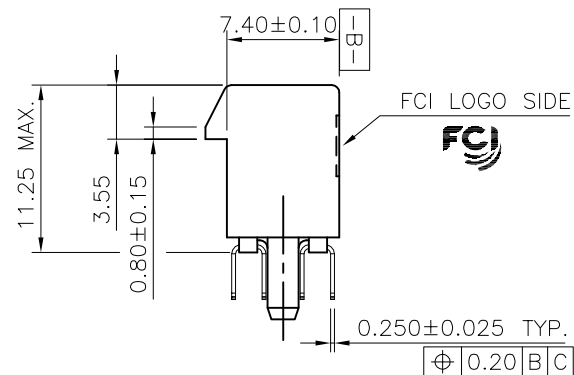


PRODUCT NO.
10018783-X0XXXX



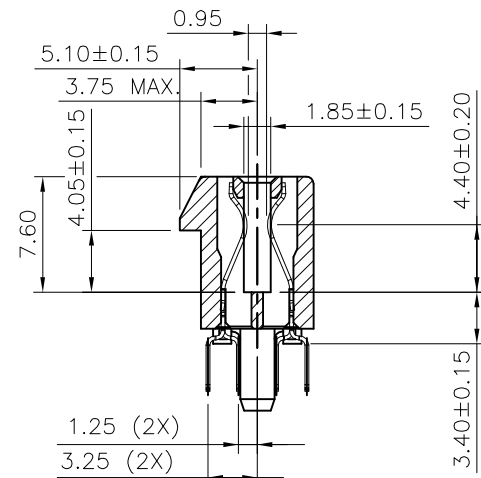
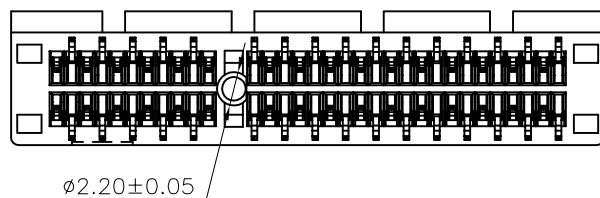
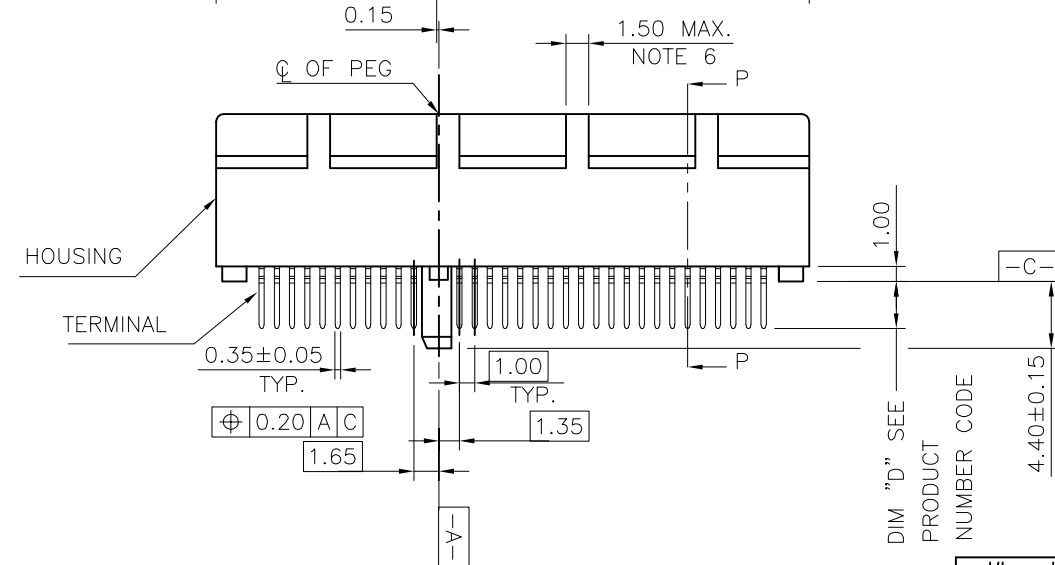
SECTION P-P



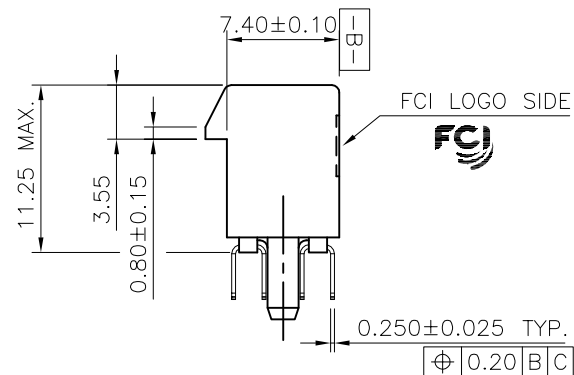
TWIN PLASTIC PEG TYPE

mat'l. code				surface 58 ☒ tolerance				projection 		product family EDGE CARD			
tolerances unless otherwise specified				angles ☐ linear 0°±2'		.X±0.30		 scale 2:1		title PCI EXPRESS GEN3 CARD EDGE ASSY 			
T T05-0208 M-W 09/15/05						.XX±0.20							
U T10-0007 J-H 1/20/10						.XXX±0.10							
V ELX-06-18311 S-T 07/16/14													
W ELX-06-20070 S-T 01/23/15				dr Stone Li 01/13/15		engr Stone Li 01/13/15				dwg no sheet 1 of 7 size 10018783 A4			
- - - -				chr / /		appd Collins Lu 01/13/15							
sheet index		revision sheet		W 1	W 2	W 3	W 4	W 5	W 6	W 7			

10018783-X2XXXX



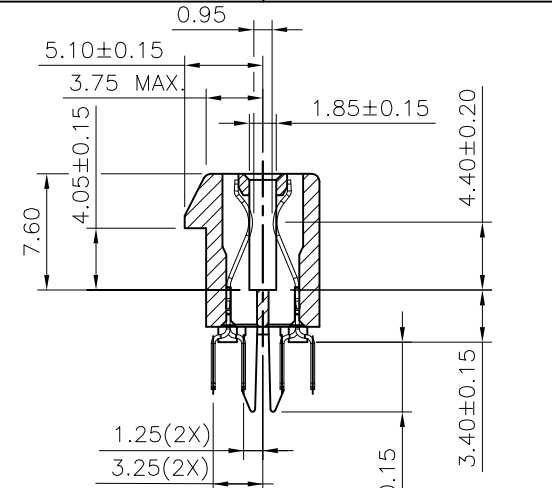
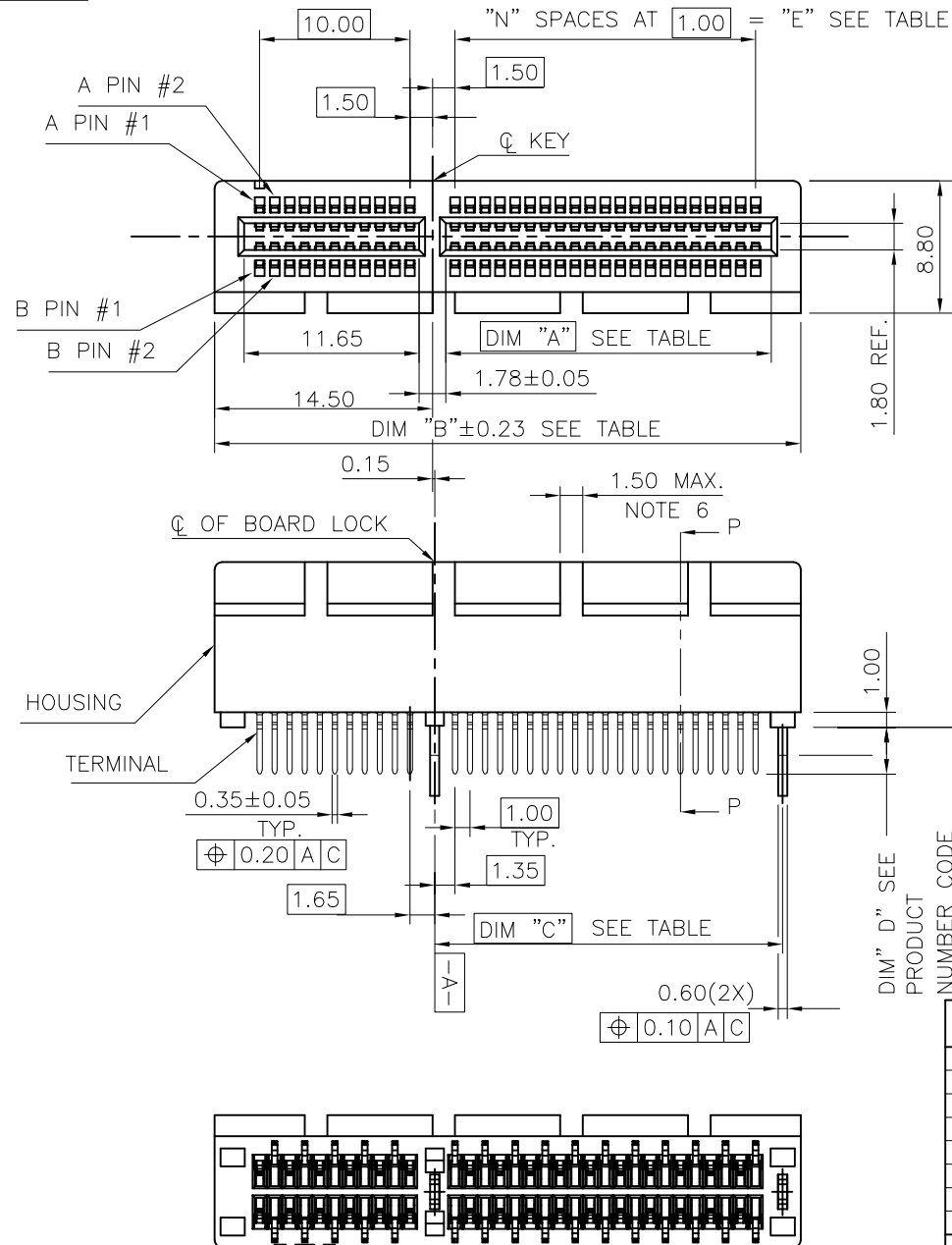
SECTION P-P



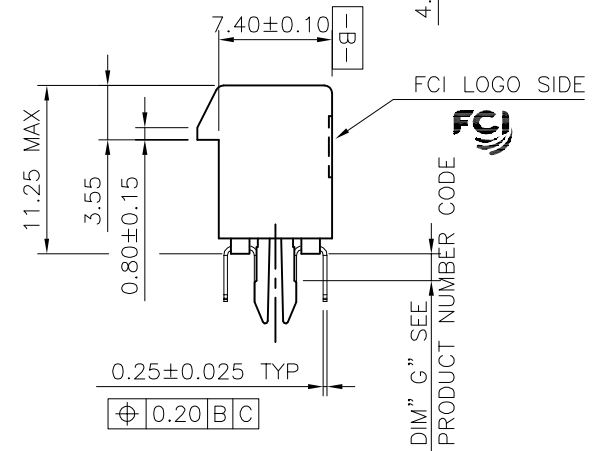
SINGLE PLASTIC PEG TYPE

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' .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			
sheet index		revision sheet								type Customer Drawing	

PRODUCT NO.
10018783-X1XXXX

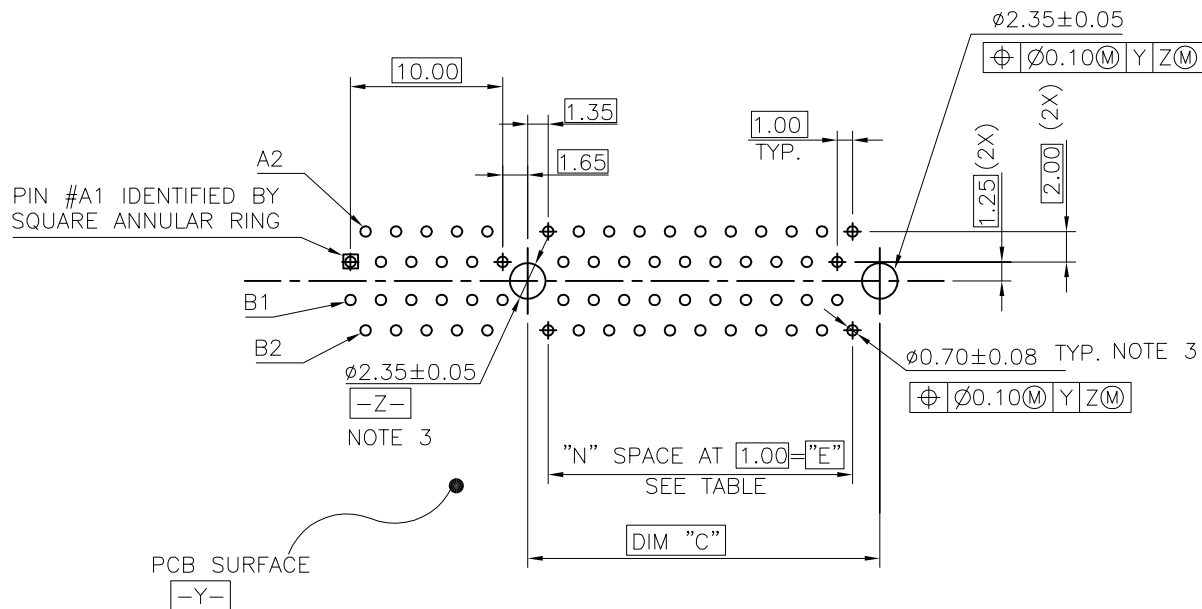


SECTION P-P



METAL BOARD LOCKS TYPE

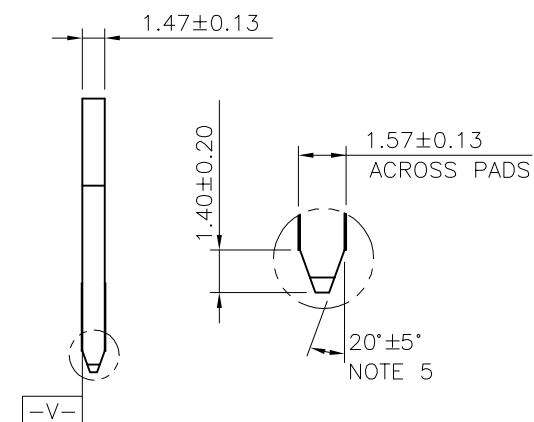
mat'l. code				surface 58 / tolerance		projection	product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified		Φ	EDGE CARD	
T	T05-0208	M-W	09/15/05	angles	.X±0.30	MM	PCI EXPRESS GEN3	
U	T10-0007	J-H	1/20/10	Linear	.XX±0.20	scale 2:1	CARD EDGE ASSY	
V	ELX-00-18311	S-T	07/16/14	0°±2'	.XXX±0.10			
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



← I/O PANEL DIRECTION

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

ADD-IN CARD EDGE-FINGER DIMENSIONS

mat'l. code				surface $\sqrt{8}$ /tolerance				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		PCI EXPRESS GEN3	
U		T10-0007		J-H		1/20/10				.XX±0.20		CARD EDGE ASSY	
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		dwg no	
-		-		-		-		engr		Stone Li 01/13/15		sheet 5 of 7	
								chr		/ /		size A4	
								appd		Collins Lu 01/13/15		FCI	
												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)

PEGS OPTIONS

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

POS OPTIONS

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



R-TAPE & REEL PACKAGING (FOR 36, 64, 98P)

A-TAPE & REEL PACKAGING WITH MYLAR (FOR 36, 64, 98P)

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		
lfr	ecn no	dr	date	tolerances unless otherwise specified		 MM scale 1:1	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	linear	.XX±0.20		sheet 6 of 7 size A4		
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	10018783		
-	-	-	-	enrg	Stone Li	01/23/15			
				chr	/	/	Customer Drawing		
				appd	Collins Lu	01/23/15			
sheet index	revision sheet								



1

2

3

4

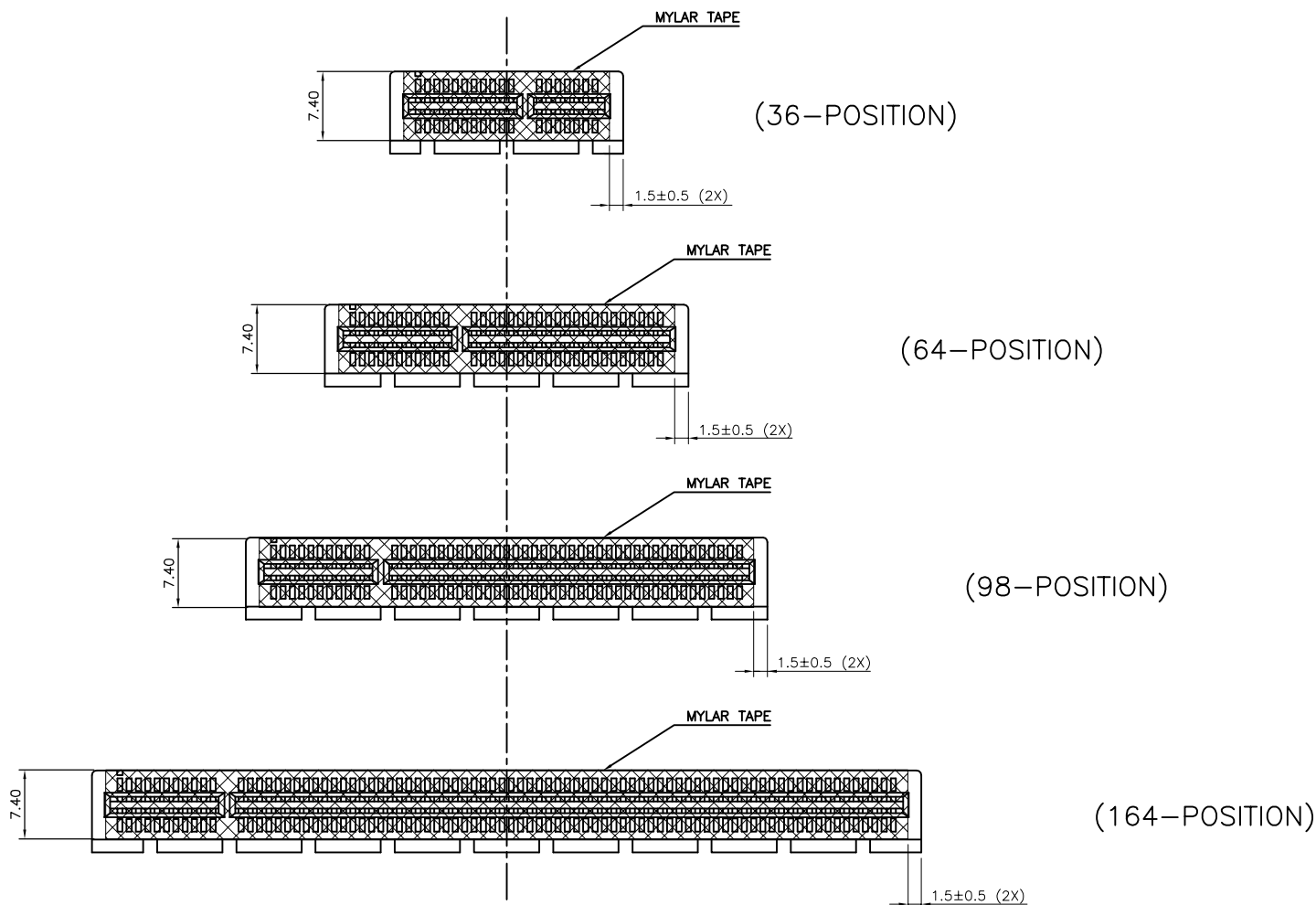


FIGURE 1

mat'l. code				surface <u>50</u> / tolerance			projection	product family		
								EDGE CARD		
ltr ecn no dr date				tolerances unless otherwise specified					title	
T T05-0206 M-W 09/15/08				angles				MM	PCI EXPRESS GEN3	
U T10-0007 J-H 1/20/10				X±0.30					CARD EDGE ASSY	
V BLX-00-18211 S-T 07/16/14				0°±2°				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	s	
-				chr	/				A	
-				appe	Collins	Lu	01/23/15	type	Customer Drawing	
sheet		revision								
index		sheet								

1

2

3

4

A

A

B

B

5