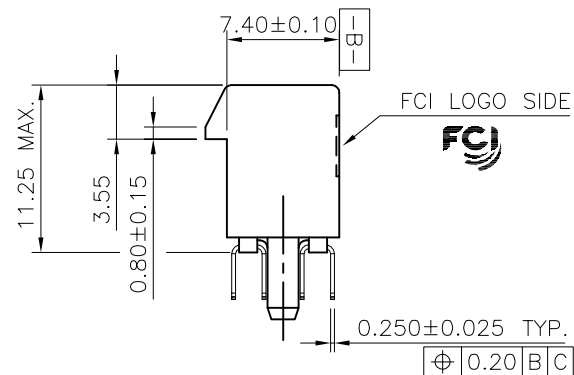
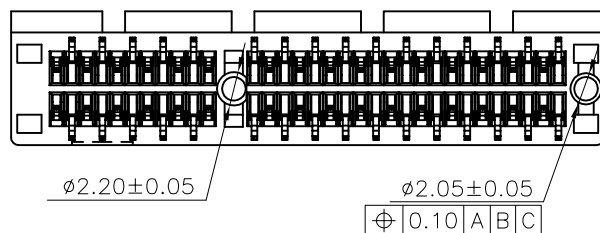


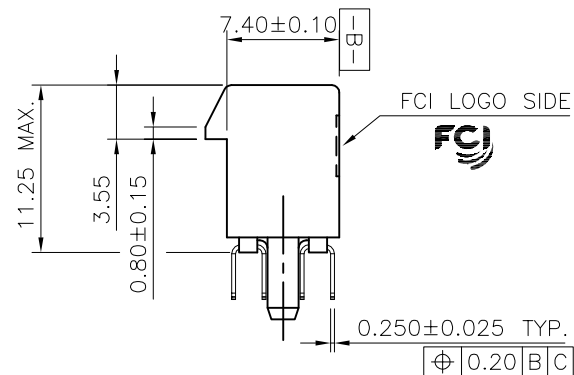
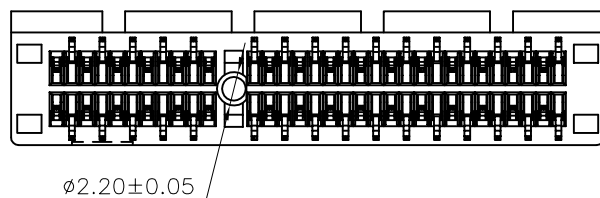
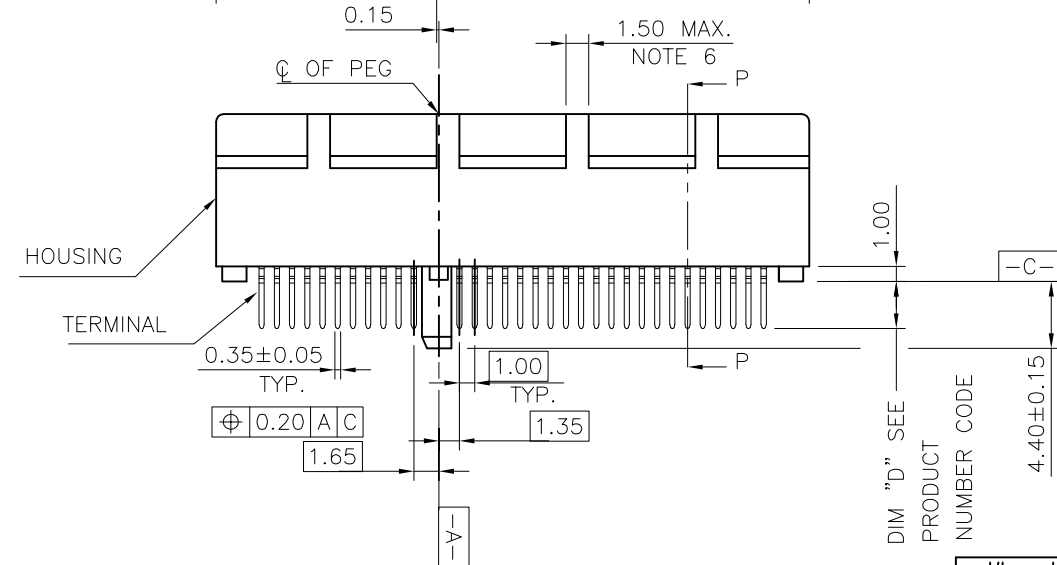
10018783-X0XXXX



TWIN PLASTIC PEG TYPE

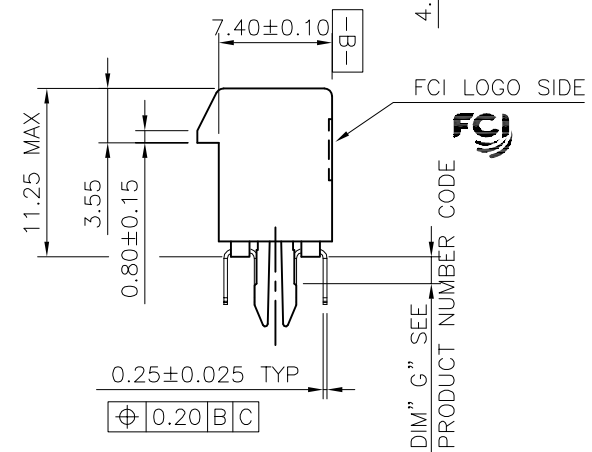
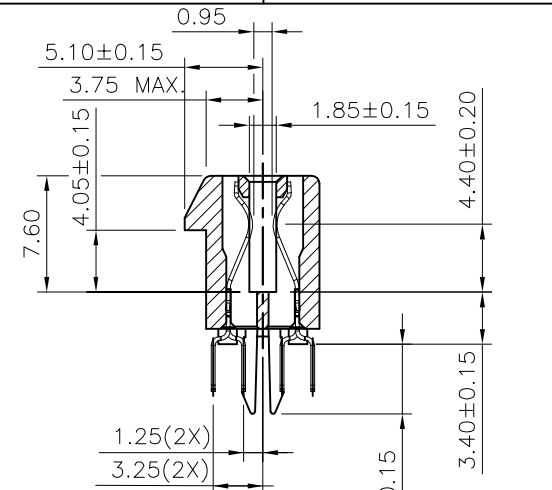
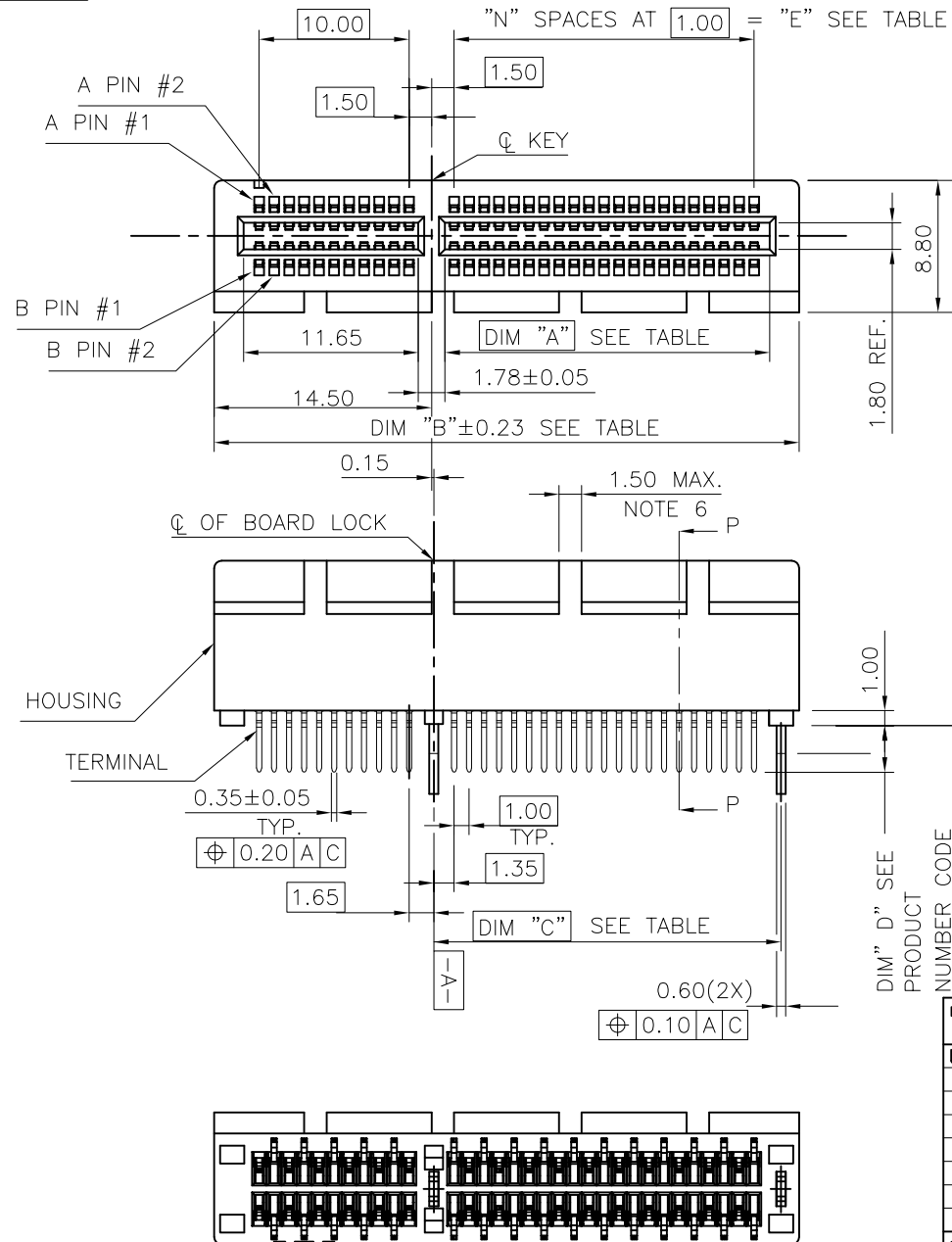
mat'l. code				surface 58 ☒ tolerance				projection 				product familyEDGE CARD			
ltr ecn no dr date				tolerances unless otherwise specified				title				PCI EXPRESS GEN3  CARD EDGE ASSY			
T T05-0208 M-W 09/15/05				angles ☐ linear ☒ .X±0.30				MM 							
U T10-0007 J-H 1/20/10				.XX±0.20											
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					

10018783-X2XXXX



SINGLE PLASTIC PEG TYPE

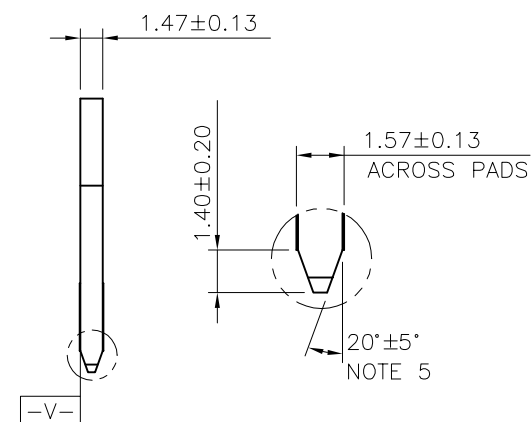
mat'l. code		surface 58 ☒ tolerance		projection 		product family EDGE CARD	
ltr ecn no dr date		tolerances unless otherwise specified		title		PCI EXPRESS GEN3  CARD EDGE ASSY	
T T05-0208 M-W 09/15/05		angles $\pm$ linear .X0.30		MM 			
U T10-0007 J-H 1/20/10		linear .XX $\pm$ 0.20					
V ELX-06-18311 S-T 07/16/14		0' $\pm$ 2' linear .XXX $\pm$ 0.10		scale 2:1			
W ELX-06-20070 S-T 01/23/15		dr Stone Li 01/13/15		FCI 			
- - - -		engr Stone Li 01/13/15		dwg no		sheet 2 of 7 size	
		chr / /		10018783		A4	
		appd Collins Lu 01/13/15		type		Customer Drawing	
sheet index		revision sheet					

PRODUCT NO.
 10018783-X1XXXX


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'		scale 2:1	
W				ELX-00-20070		S-T		01/23/15		dr		dwg no	
-				-		-		-		Stone Li		sheet 3 of 7	
										engr		size	
										chr		10018783	
										appd		A4	
										Collins Lu		type	
												Customer Drawing	
sheet index				revision sheet									

4



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 58 / 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					PCI EXPRESS GEN3		
U T10-0007 J-H 1/20/10			linear .X±0.30					 CARD EDGE ASSY		
V ELX-00-18311 S-T 07/16/14			linear .XX±0.20							
W ELX-00-20070 S-T 01/23/15			0'±2' .XXX±0.10			scale 2:1		dwg no		
- - - -			Stone Li 01/13/15					sheet 5 of 7		
engr Stone Li 01/13/15								10018783		
chr / /								A4		
appd Collins Lu 01/13/15								type		
sheet revision								Customer Drawing		
index 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			
										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		MM		CARD EDGE ASSY	
V ELX-00-18311 S-T 07/16/14				0°±2°				.XXX±0.10		scale 1:1			
W ELX-00-20070 S-T 01/23/15				dr		Stone Li		01/23/15		dwg no		sheet 6 of 7	
- - - -				enrg		Stone Li		01/23/15				size	
				chr		/		/				10018783	
				appd		Collins Lu		01/23/15				A4	
										type		Customer Drawing	
sheet index		revision sheet											

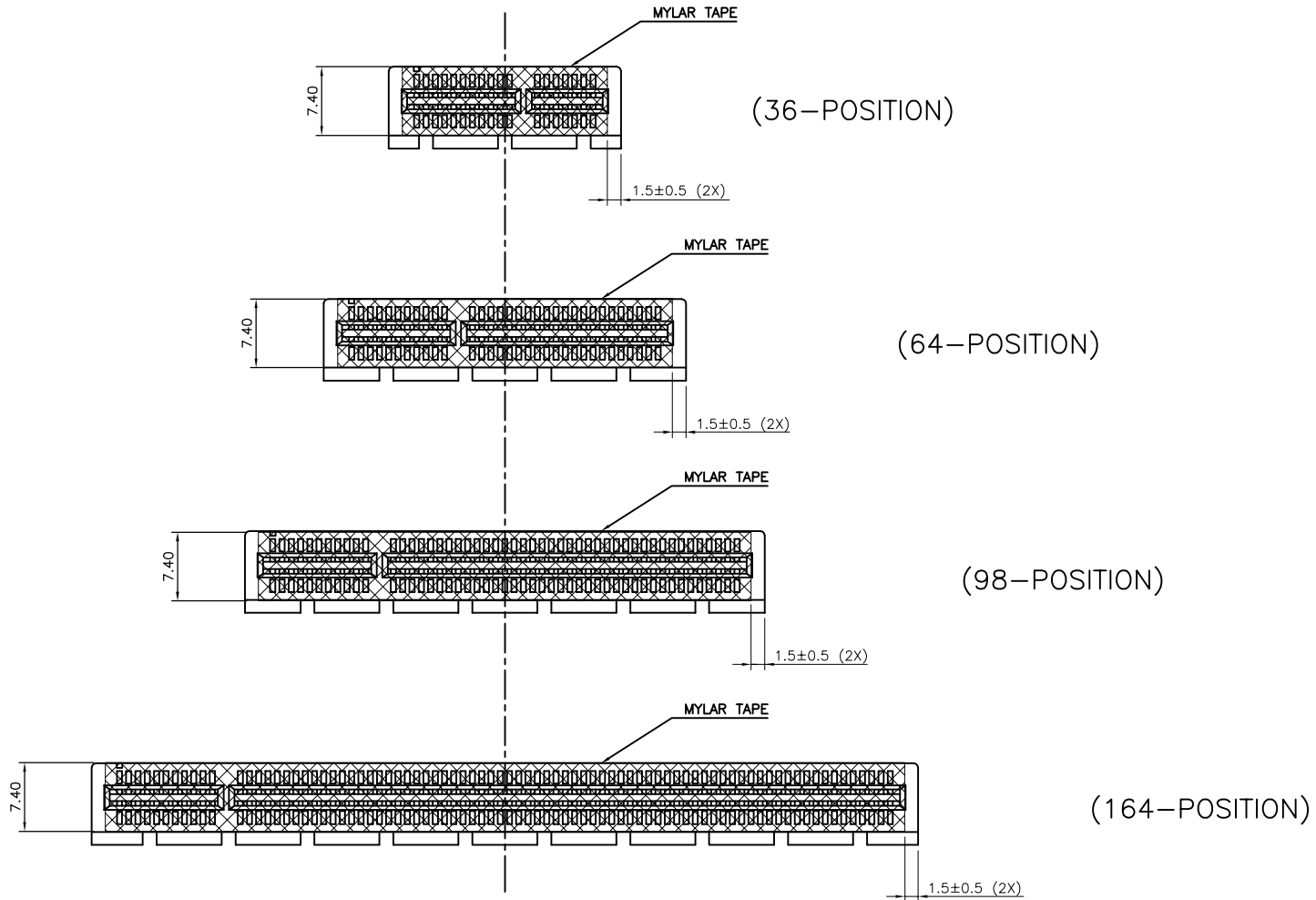


FIGURE 1

mat'l. code				surface $\frac{50}{\sqrt{}}$ tolerance		projection 		product family EDGE CARD	
ltr	ecr no	dr	date	tolerances unless otherwise specified		 MM		title	
T	T05-0206	M-W	09/15/08	angles				PCI EXPRESS GEN3	
U	T10-0007	J-H	1/20/10	Unlabeled		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 10018783	sheet 7 of 7 A4
-	-	-	-	engr	Stone	Li	01/23/15		
				chr					
				app	Collins	Lu	01/23/15		
sheet		revision							
index		sheet							
				type Customer Drawing					