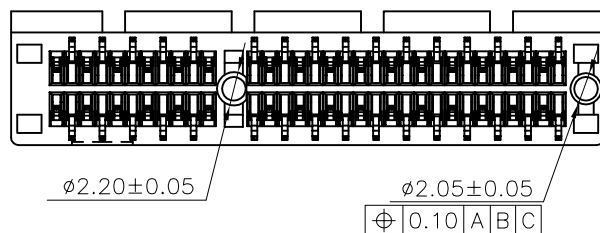


10018783-X0XXXX



"N" SPACES AT 1.00 = "E" SEE TABLE

B PIN #2

Q KEY

DIM "A" SEE TABLE

 1.78 ± 0.05

DIM "B" ±0.23 SEE TABLE

0.15

1.50 MAX.

NOTE 6

Q OF PEG

HOUSING

TERMINAL

0.35±0.05
TYP.

$\oplus$	0.20	A	C
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1.65

100

TYP.

1.3

DIM "C" SEE TABLE

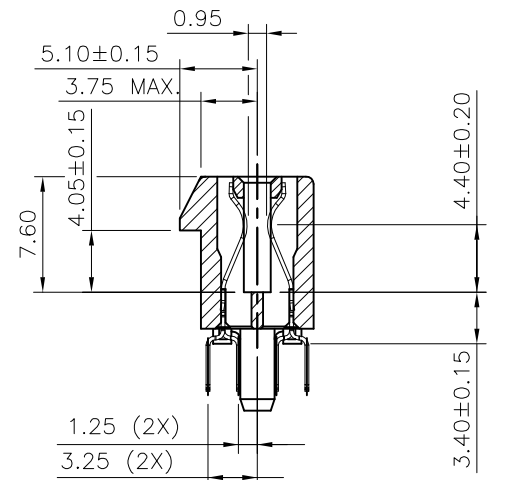
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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DIM	"D" SEE	1.00

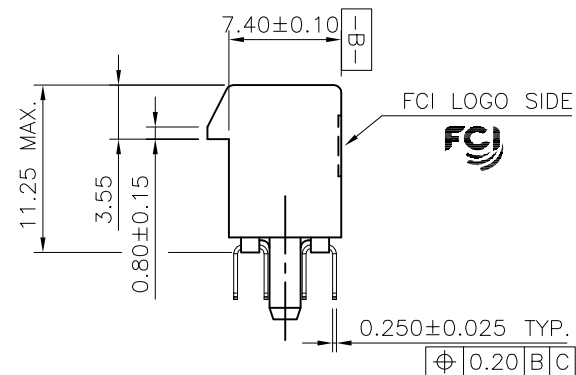
PRODUCT NUMBER CODE	DESCRIPTION	UNIT	PRICE	QUANTITY	TOTAL
1001	...	...	...	...	...
1002	...	...	...	...	...
1003	...	...	...	...	...
1004	...	...	...	...	...
1005	...	...	...	...	...
1006	...	...	...	...	...
1007	...	...	...	...	...
1008	...	...	...	...	...
1009	...	...	...	...	...
1010	...	...	...	...	...
1011	...	...	...	...	...
1012	...	...	...	...	...
1013	...	...	...	...	...
1014	...	...	...	...	...
1015	...	...	...	...	...
1016	...	...	...	...	...
1017	...	...	...	...	...
1018	...	...	...	...	...
1019	...	...	...	...	...
1020	...	...	...	...	...
1021	...	...	...	...	...
1022	...	...	...	...	...
1023	...	...	...	...	...
1024	...	...	...	...	...
1025	...	...	...	...	...
1026	...	...	...	...	...
1027	...	...	...	...	...
1028	...	...	...	...	...
1029	...	...	...	...	...
1030	...	...	...	...	...
1031	...	...	...	...	...
1032	...	...	...	...	...
1033	...	...	...	...	...
1034	...	...	...	...	...
1035	...	...	...	...	...
1036	...	...	...	...	...
1037	...	...	...	...	...
1038	...	...	...	...	...
1039	...	...	...	...	...
1040	...	...	...	...	...
1041	...	...	...	...	...
1042	...	...	...	...	...
1043	...	...	...	...	...
1044	...	...	...	...	...
1045	...	...	...	...	...
1046	...	...	...	...	...
1047	...	...	...	...	...
1048	...	...	...	...	...
1049	...	...	...	...	...
1050	...	...	...	...	...
1051	...	...	...	...	...
1052	...	...	...	...	...
1053	...	...	...	...	...
1054	...	...	...	...	...
1055	...	...	...	...	...
1056	...	...	...	...	...
1057	...	...	...	...	...
1058	...	...	...	...	...
1059	...	...	...	...	...
1060	...	...	...	...	...
1061	...	...	...	...	...
1062	...	...	...	...	...
1063	...	...	...	...	...
1064	...	...	...	...	...
1065	...	...	...	...	...
1066	...	...	...	...	...
1067	...	...	...	...	...
1068	...	...	...	...	...
1069	...	...	...	...	...
1070	...	...	...	...	...
1071	...	...	...	...	...
1072	...	...	...	...	...
1073	...	...	...	...	...
1074	...	...	...	...	...
1075	...	...	...	...	...
1076	...	...	...	...	...
1077	...	...	...	...	...
1078	...	...	...	...	...
1079	...	...	...	...	...
1080	...	...	...	...	...
1081	...	...	...	...	...
1082	...	...	...	...	...
1083	...	...	...	...	...
1084	...	...	...	...	...
1085	...	...	...	...	...
1086	...	...	...		

—C—

4.40±0.15



SECTION P-P



FCI LOGO SIDE



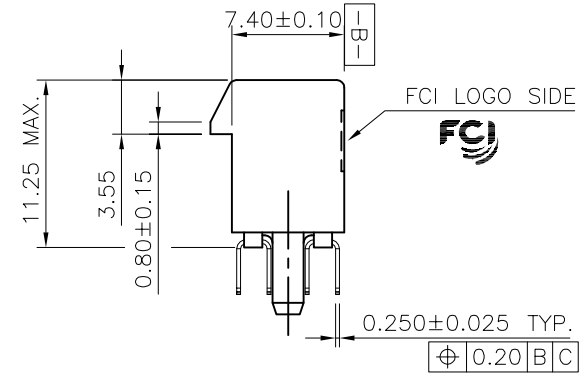
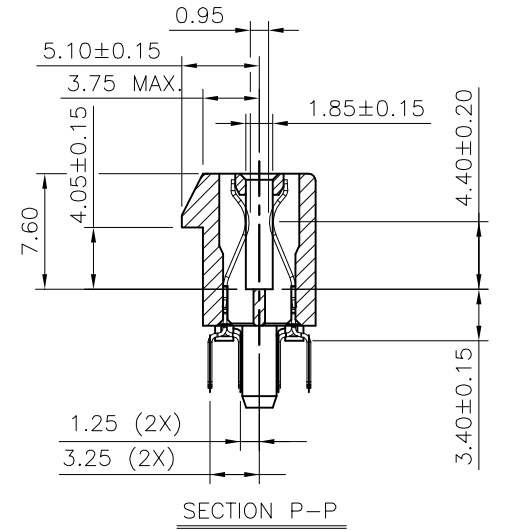
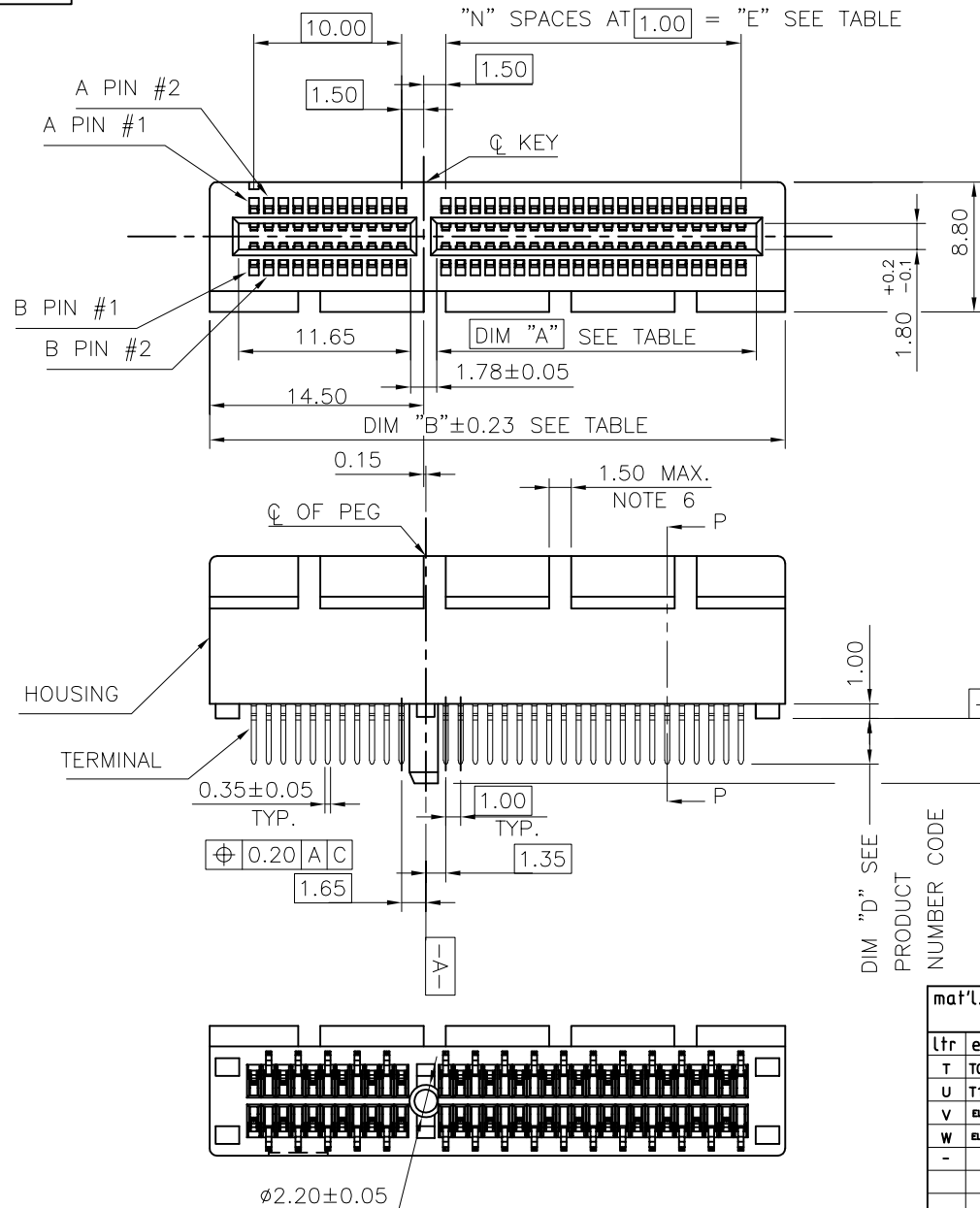
0.250±0.025 TYP.

$\oplus$	0.20	B	C
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TWIN PLASTIC PEG TYPE

mat'l. code				surface $\sqrt{8}$ /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				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		sheet 1 of 7		size	
-		-		-		-		engr		Stone Li		01/13/15			70018783		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			

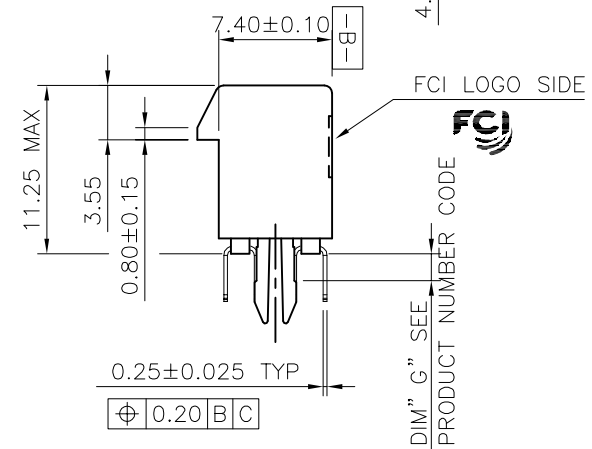
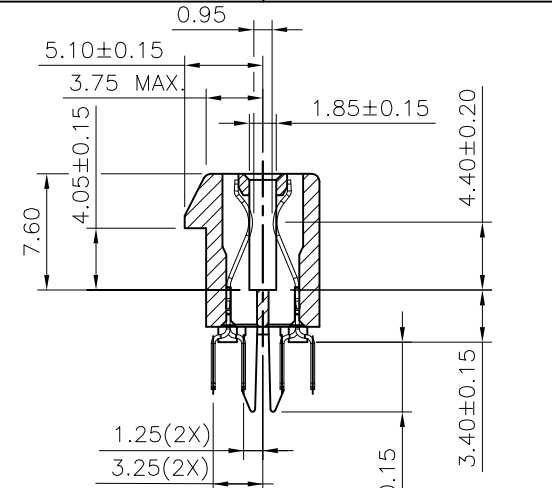
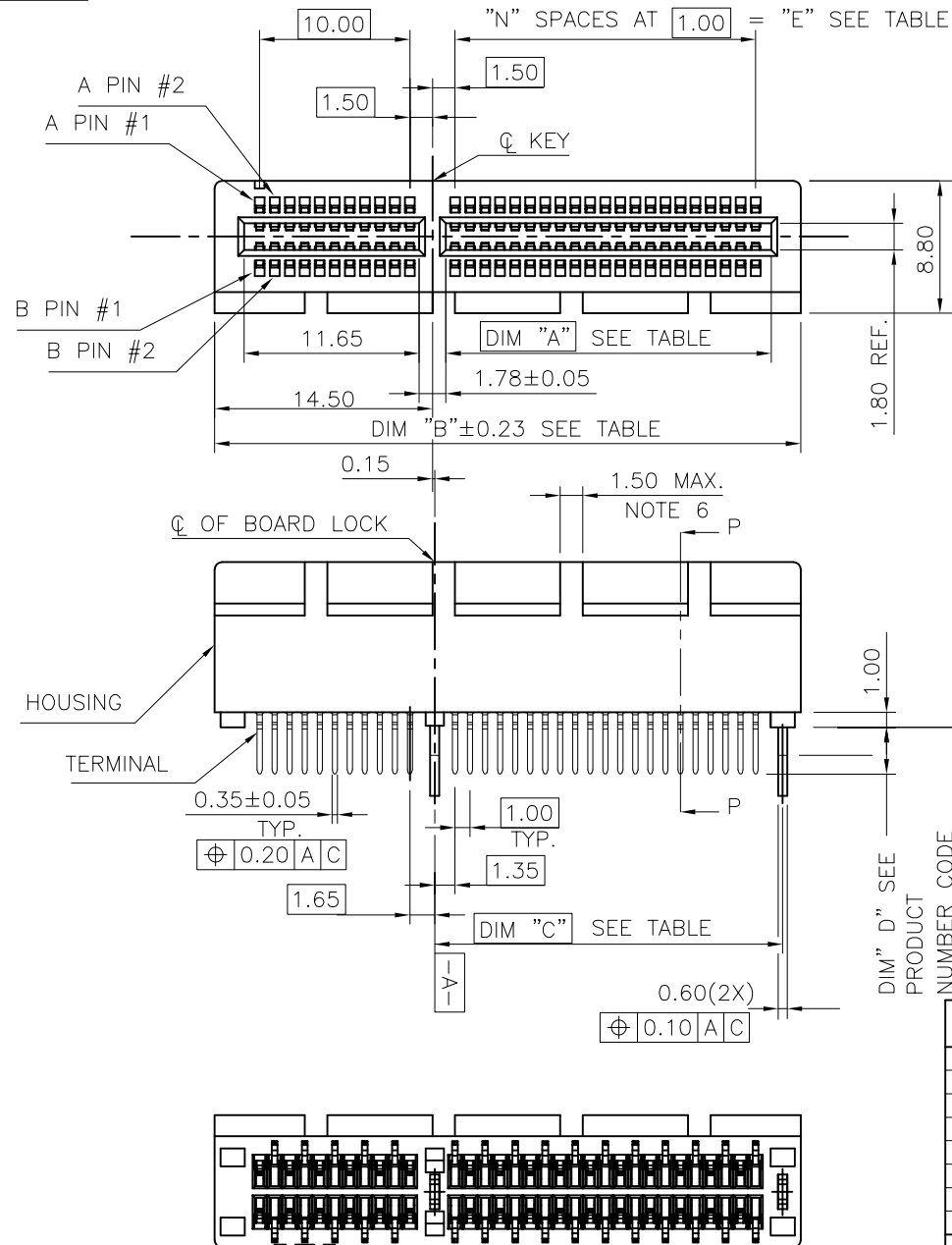
PRODUCT NO.
10018783-X2XXXX



SINGLE PLASTIC PEG TYPE

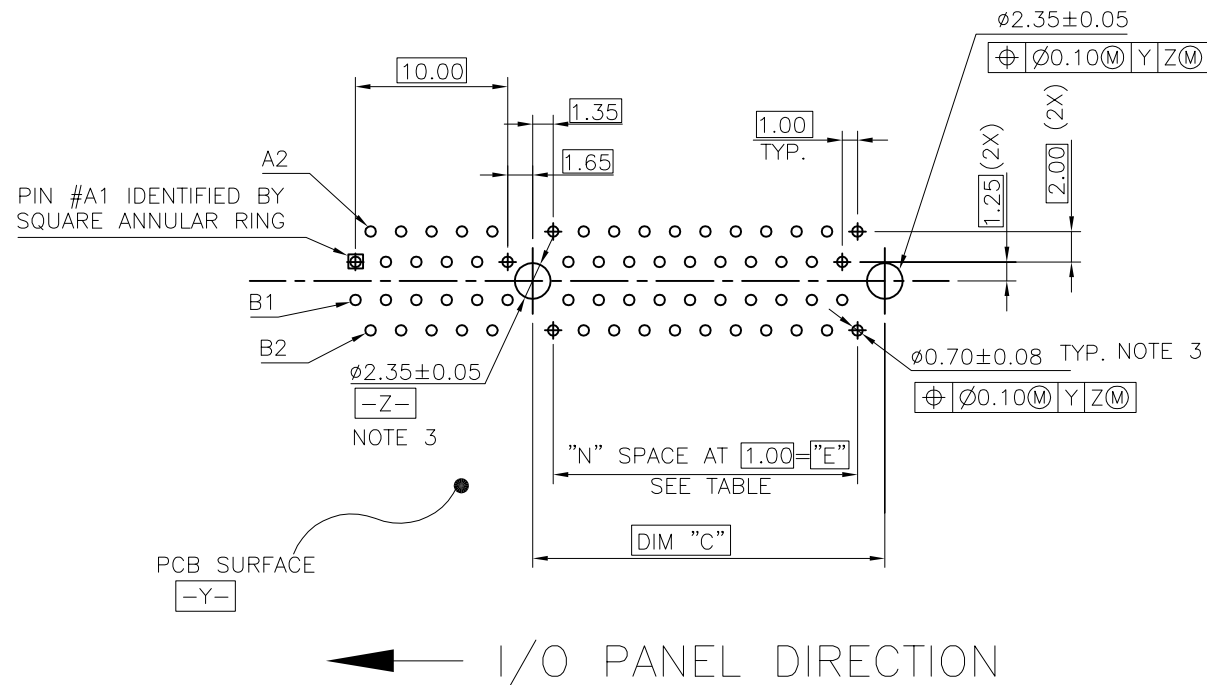
mat'l. code				surface 58		tolerance		projection		product family			
										EDGE CARD			
ltr				ecn no		dr		date		title			
T				T05-0208		M-W		09/15/05		PCI EXPRESS GEN3			
U				T10-0007		J-H		1/20/10		CARD EDGE ASSY			
V				ELX-00-18311		S-T		07/16/14					
W				ELX-00-20070		S-T		01/23/15		dwg no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

PRODUCT NO.
10018783-X1XXXX



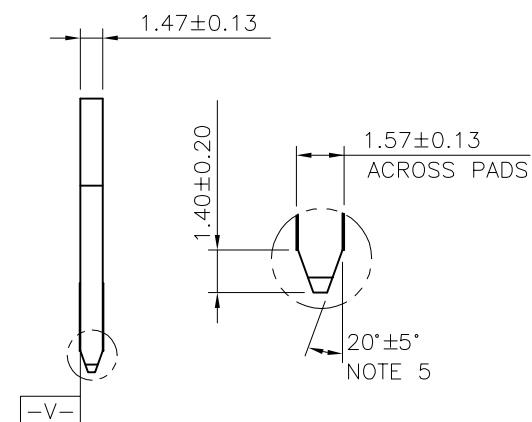
METAL BOARD LOCKS TYPE

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		.X±0.30	
U				T10-0007		J-H		1/20/10		Linear		.XX±0.20	
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	



RECOMMENDED FOOTPRINT

mat'l. code				surface $\sqrt{\text{H}}$ / 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-DG-18311 S-T 07/16/14				0'±2'				scale 2:1			
W ELX-DG-20070 S-T 01/23/15				dr Stone Li 01/13/15		dwg no		sheet 4 of 7			
- - - -				engr Stone Li 01/13/15				size			
				chr / /				10018783			
				appd Collins Lu 01/13/15				A4			
sheet index				revision sheet				type Customer Drawing			



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			
T		T05-0208	M-W	09/15/05		angles unless otherwise specified		PCI EXPRESS GEN3			
U		T10-0007	J-H	1/20/10		linear		CARD EDGE ASSY			
V		ELX-06-18311	S-T	07/16/14		0'±2'		scale 2:1			
W		ELX-06-20070	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									

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	

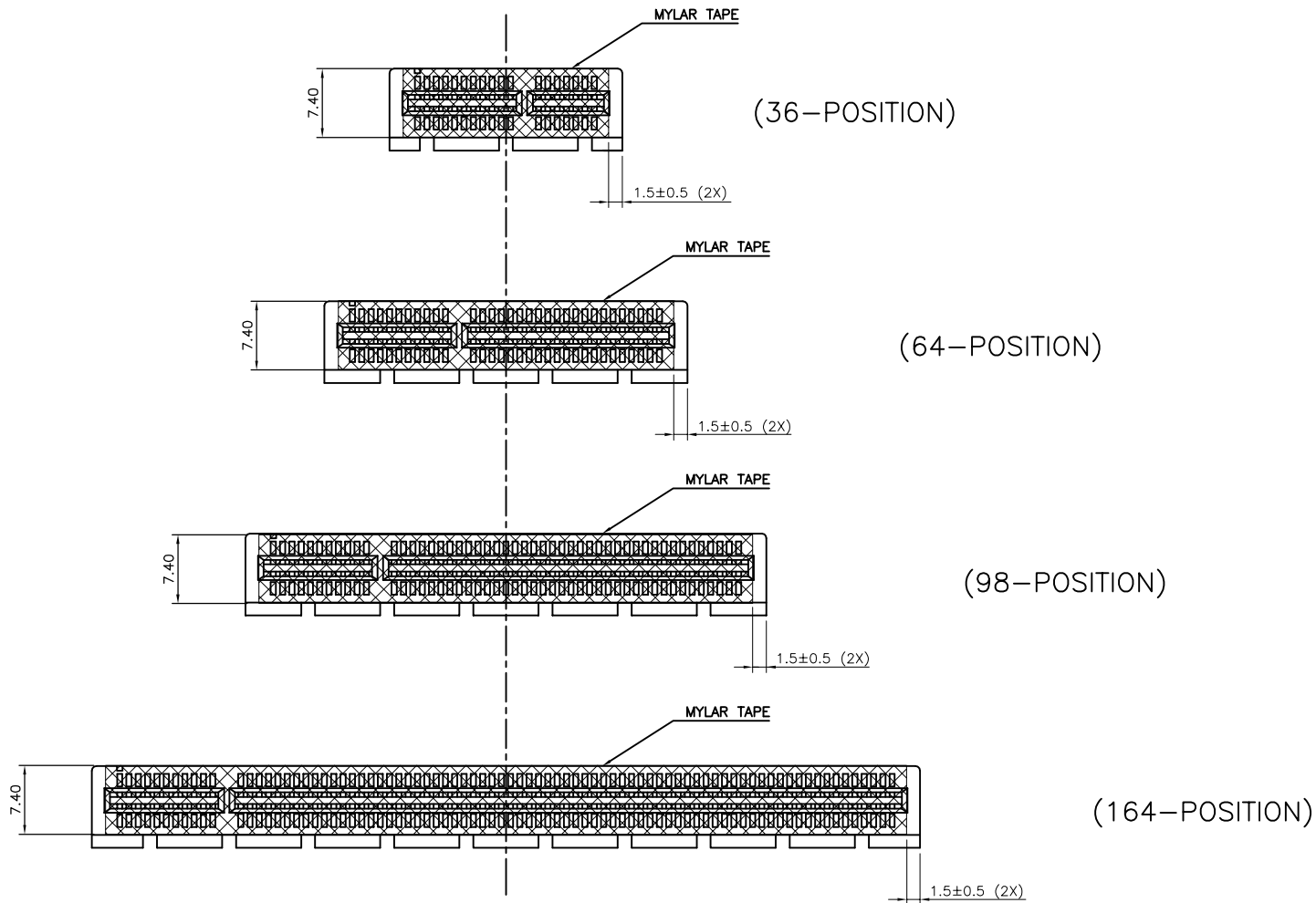


FIGURE 1

mat'l. code				surface  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		
W	BLX-00-20070	S-T	01/23/15	dr	Stone	Li	01/23/15	dwg no	sheet 7 of 7 size
-	-	-	-	engr	Stone	Li	01/23/15	10018783	A4
				chr					
				app	Collins	Lu	01/23/15	Customer Drawing	
sheet		revision							
index		sheet							