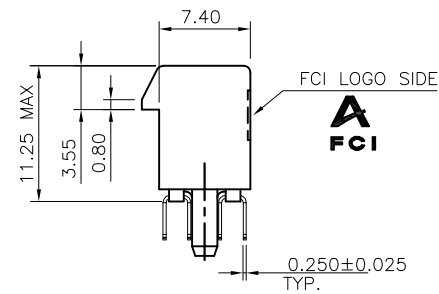
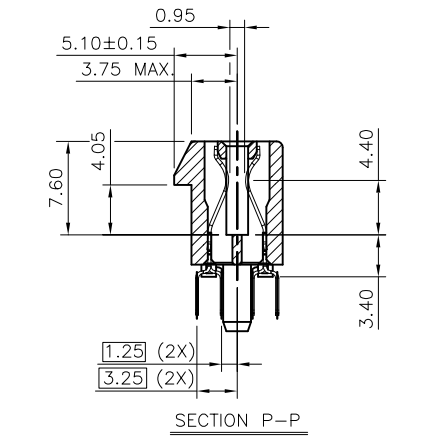
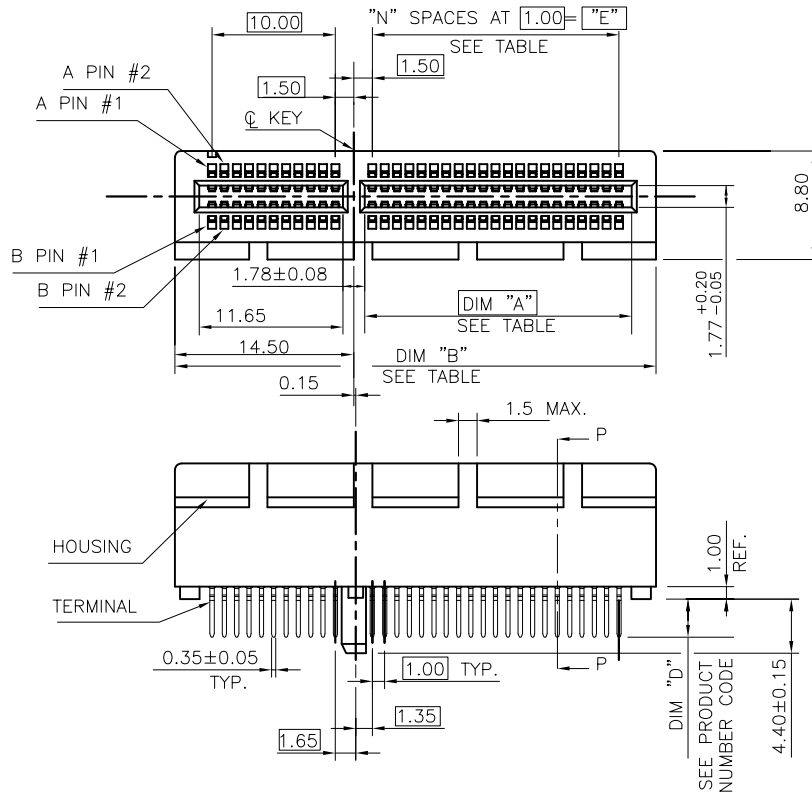
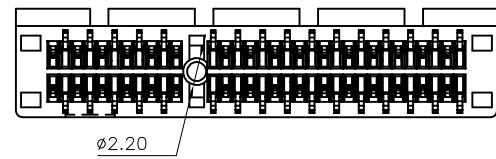


TWIN PLASTIC PEG TYPE

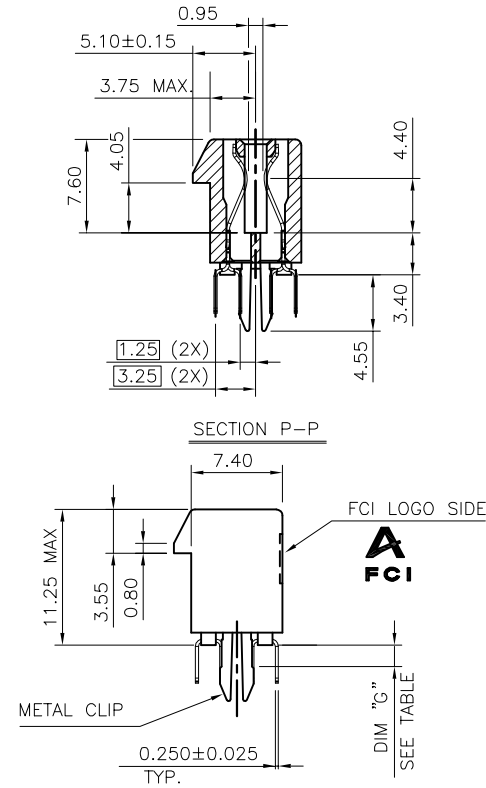
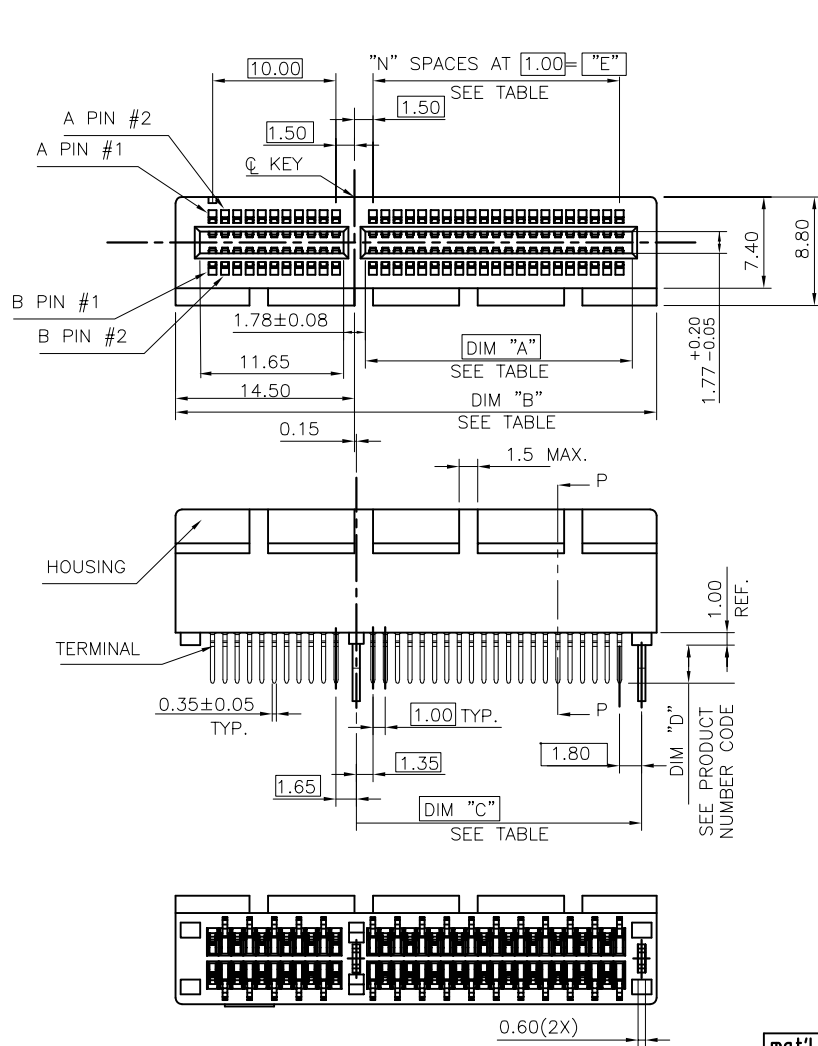
mat'l. code		-		surface		- ✓ tolerance		projection		product family	
ltr		ecn no		dr		date		ASME_Y14.5		PCI_EXPRESS	
B		ELX-06-37937		ZH		2017/09/12		tolerances unless otherwise specified		title	
C		ELX-06-37937		ZH		2020/07/07		.02±0.30		PCI_EXPRESS_CARD_EDGE_GEN3	
								.00±0.20		ASSEMBLY(TH)	
								±2'		scale N/A	
								dr ZHENHUA_LIU 2020-07-07		dwg no	
								enr ZHENHUA_LIU 2020-07-07		sheet 1 of 6 size	
								chr		10138327	
								appd HEAVEN_CEN 2020-07-07		A4	
sheet		revision		c				Amphenol FCI		type	
index		sheet								CUSTOMER Drawing	



SINGLE PLASTIC PEG TYPE

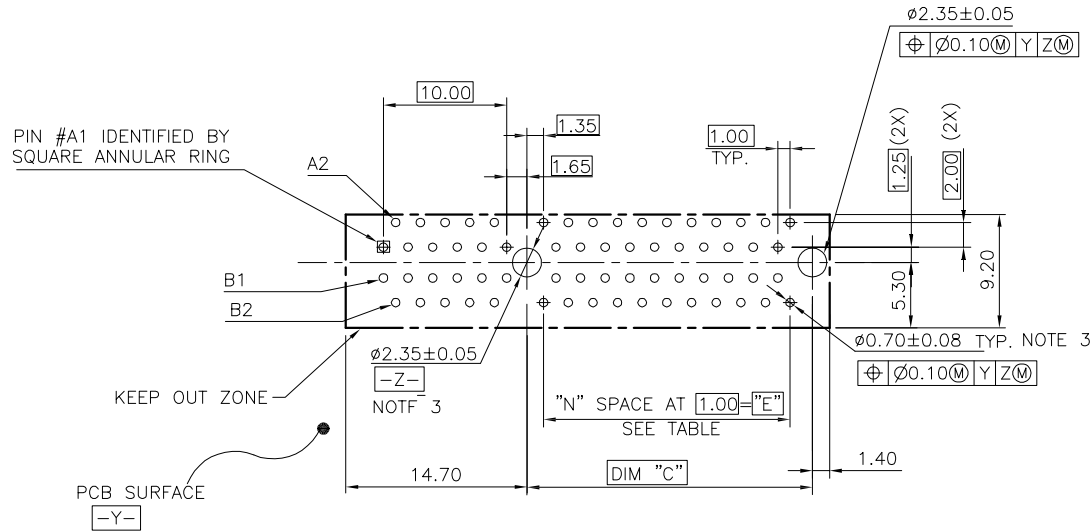


mat'l. code		-		surface	-	tolerance	ASME_Y14.5	projection	product family	PCI_EXPRESS
ltr	ecn no	dr	date	tolerances unless otherwise specified				MM	title	
				angles	Linear	.0±0.30	Amphenol FCI	PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(TH)		
				±2'		.00±0.20		sheet 2 of 6 size		
						.000±0.10		A4		
		dr	ZHENHUA_LIU	2020-07-07			Amphenol FCI	dwg no		10138327
		enr	ZHENHUA_LIU	2020-07-07				type		CUSTOMER Drawing
		chr	HEAVEN_CEN	2020-07-07						
sheet index	revision sheet	c								



METAL BOARD LOCKS TYPE

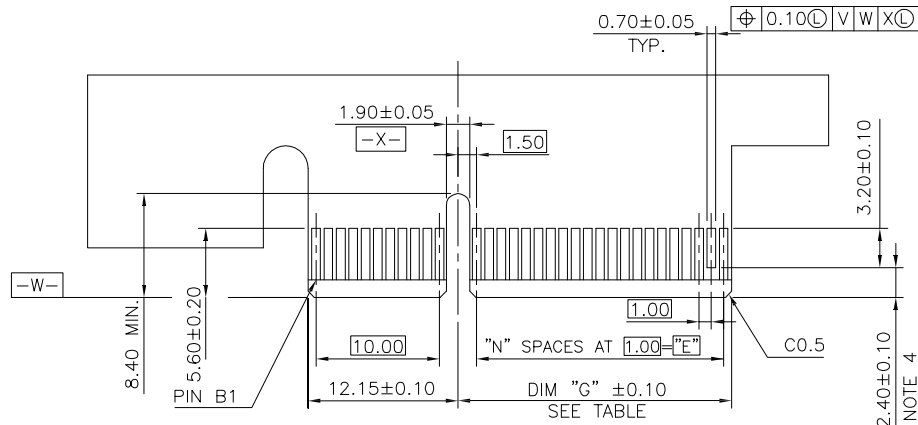
mat'l. code		-		surface		- ✓		tolerance		ASME_Y14.5		projection		product family		PCI_EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified								title		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(TH)			
				angles	LineA	.02±0.30	MM		scale N/A		dwg no		sheet 3 of 6		size		
				±2'		.00±0.20	Amphenol FCI				10138327		A4				
				dr	ZHENHUA_LIU	2020-07-07					type		CUSTOMER Drawing				
				enr	ZHENHUA_LIU	2020-07-07											
				appd	HEAVEN_CEN	2020-07-07											
sheet index	revision	c															



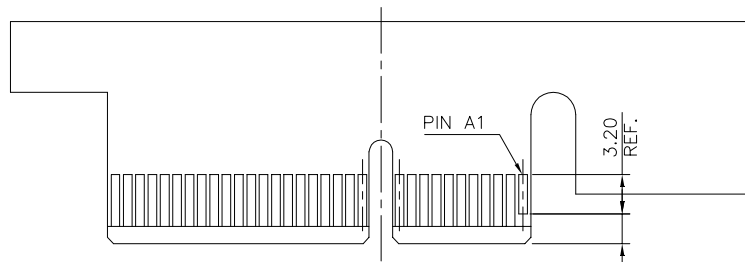
← I/O PANEL DIRECTION

RECOMMENDED FOOTPRINT

mat'l. code		-		surface		- ✓		tolerance		ASME_Y14.5		projection		product family		PCI_EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified								title		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(TH)			
				angles	linear								MM	scale N/A			
				±2'										Amphenol FCI		sheet 4 of 6 size	
		dr	ZHENHUA_LIU	2020-07-07	engr		ZHENHUA_LIU		2020-07-07		10138327		A4				
		chr			appd		HEAVEN_CEN		2020-07-07		type		CUSTOMER Drawing				
sheet index	revision sheet	c															



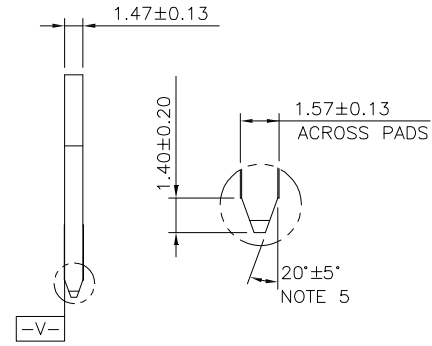
← I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →  
SECONDARY (SOLDER) SIDE

ADD-IN CARD EDGE-FINGER DIMENSIONS

PIN "F" SEE TABLE



SCALE 2:1

#	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

mat'l. code		-		surface		✓ tolerance ASME_Y14.5		projection		product family	
ltr		ecn no		dr		date		tolerances unless otherwise specified		title	
								MM		PCI_EXPRESS	
								scale N/A		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(TH)	
				dr		ZHENHUA_LIU 2020-07-07		Amphenol FCI		dwg no sheet 5 of 6 size	
				enr		ZHENHUA_LIU 2020-07-07				10138327 A4	
				chr						type	
				appd		HEAVEN_CEN 2020-07-07				CUSTOMER Drawing	
sheet index		revision sheet		c							

NOTES:

- 1.MATERIAL:  
HOUSING: HIGH TEMPERATURE NYLON ,HALOGEN FREE, GLASS FILLED UL94V-0 RATED.  
TERMINAL: COPPER ALLOY.  
PLATING:SEE PRODUCT NUMBER CODE  
METAL BOARD LOCKS: COPPER ALLOY.
- 2.PRODUCT SPECIFICATION: GS-12-233.  
PACKAGING SPECIFICATION: GS-14-858 FOR SOFT TRAY,TAPE AND REEL, GS-14-1451 FOR HARD TRAY.
- 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, 2µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
  - b - MANUFACTURING PROCESS COMPATIBILITY:  
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN RE-FLOW APPLICATION0.

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

- 8.AN ADEQUATE PROCEDURE SET FORTH IN THE FOLLOWING ENSURE THAT THE PRODUCT RELIABILITY CAN BE ACHIEVED DURING AND AFTER PCB ASSEMBLY OPERATION.
- 8.1IF PARTIAL LOT ARE USED, THE REMAINING CONNECTORS MUST BE RESEALED AND PLACED IN SAFE STORAGE WITHIN SIX HOURS OF BAG OPENING.
- 8.2THE SAFE STORAGE CONDITION IS RECOMMENDED AT 25°C, 40%RH.
- 8.3NOT FOLLOWING THE PROCEDURE MAY CAUSE BLISTER DAMAGE DURING RE-FLOW PROCESS.
- 8.4IF BAKING IS REQUIRED, CONNECTOR SHALL BE BAKED FOR 4 HOURS AT 125°C.
- 8.5REFERENCE SPECIFICATION: IPC/JEDEC J-STD-033A.

PRODUCT NUMBER CODE

10138327 -X X X X X X LF

HOUSING COLOR OPTIONS

- 0-NATURAL
- 1-BLACK
- 2-DEEP BLUE

PEGS OPTIONS

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

TERMINAL PLATING OPTIONS

- 0-50µ" Ni UNDERPLATE  
30µ" Au CONTACT AREA  
100µ" TIN TAIL AREA ----- COMPATIBLE RoHS
- 1-50µ" Ni UNDERPLATE  
15µ" Au CONTACT AREA  
100µ" TIN TAIL AREA ----- COMPATIBLE RoHS
- 2-50µ" Ni UNDERPLATE  
GOLD FLASH CONTACT AREA  
100µ" TIN TAIL AREA ----- COMPATIBLE RoHS

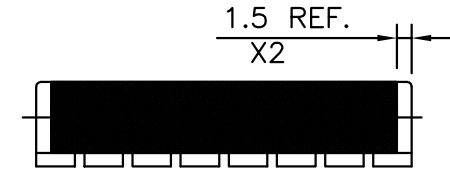
LEAD FREE OPTION

POS OPTIONS

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

PACKAGING OPTIONS

- E-HARD TRAY WITH MYLAR (640PCS PER CARTON)
- T-SOFT TRAY PACKAGING
- C-SOFT TRAY PACKAGING WITH 10MM CAP
- M-SOFT TRAY PACKAGING & MYLAR TAPE. SEE FIGULE 1
- Y-HARD TRAY PACKAGING
- Z-HARD TRAY PACKAGING WITH MYLAR
- Q-SMALLER HARD TRAY WITHOUT CAP (323x136x19 FOR 164P ONLY)
- R-TAPE & REEL PACKAGING WITHOUT MYLAR (FOR 36, 64, 98P)
- W-TAPE & REEL PACKAGING WITHOUT MYLAR (FOR 98P ONLY), WITH 18.0MM CAVITY WIDTH
- A-TAPE & REEL PACKAGING WITH MYLAR(FOR 36, 64, 98P)



WITH MYLAR

	DIM "D"	PCB THICKNESS	BOARD LOCKS DIM "C"
0	2.30 ±0.25 -0.13	1.56±0.10	1.70
1	3.10 ±0.25 -0.13	2.36±0.10	2.50
2	2.54±0.25	1.56±0.10	1.70
3	1.90±0.25	1.56±0.10	1.70
4	3.10 ±0.25 -0.13	2.0±0.10	1.70

mat'l. code		surface		tolerance		projection		product family	
-		-		ASME_Y14.5		⊕		PCI_EXPRESS	
ltr		ecn no		dr		date		title	
								PCI_EXPRESS_CARD_EDGE_GEN3	
								ASSEMBLY(TH)	
								dwg no	
								sheet 6 of 6	
								size	
								A4	
								type	
								CUSTOMER Drawing	
sheet index		revision sheet		c					