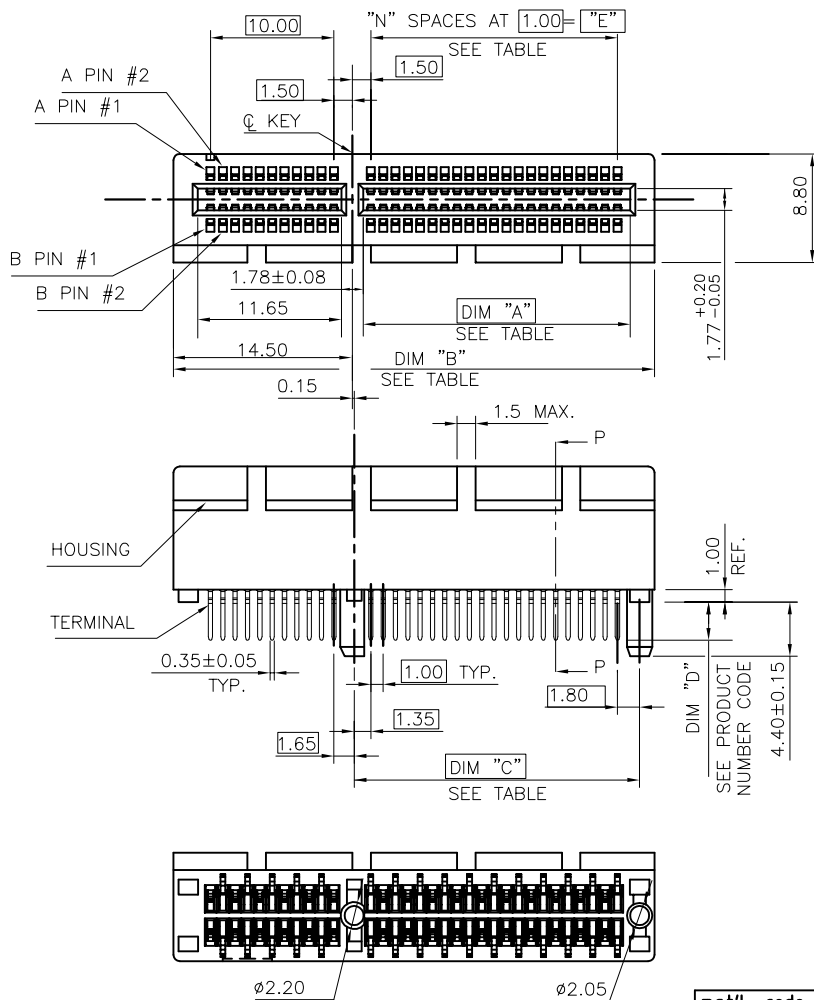
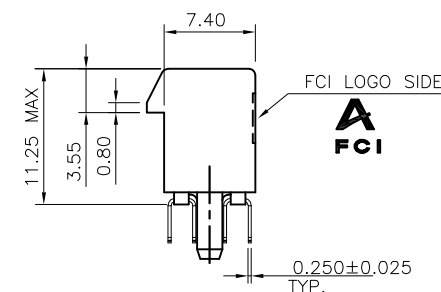
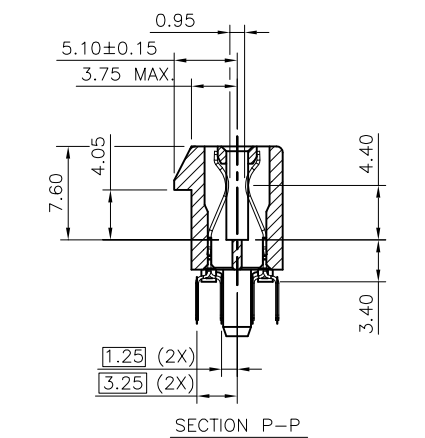
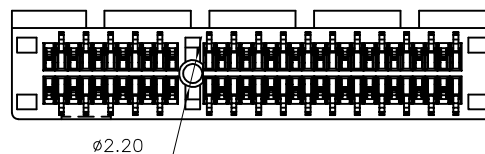
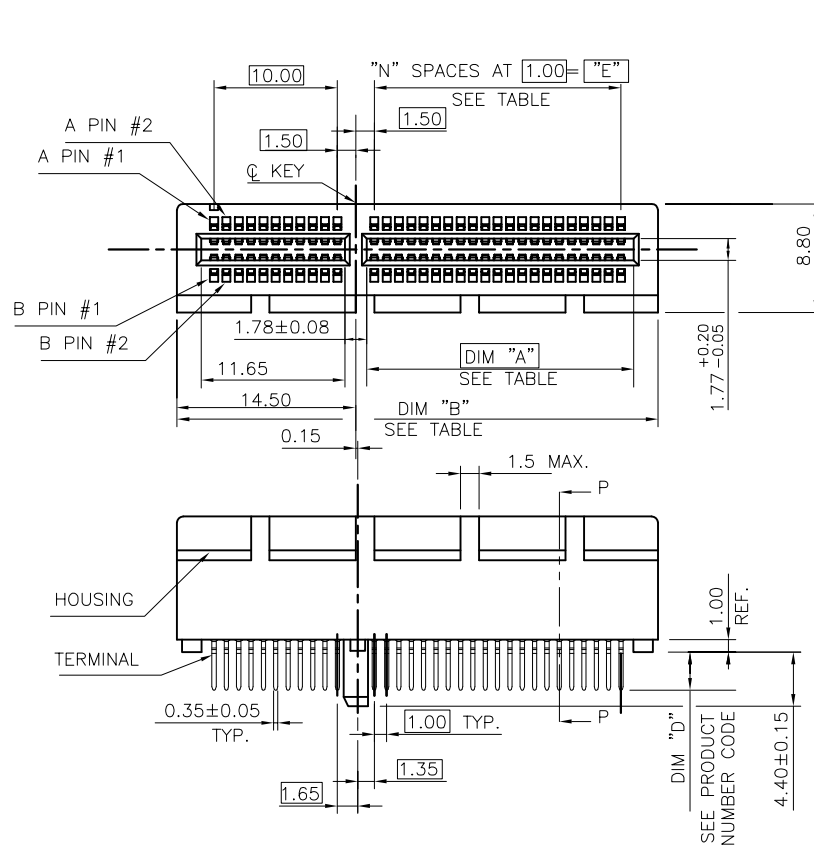




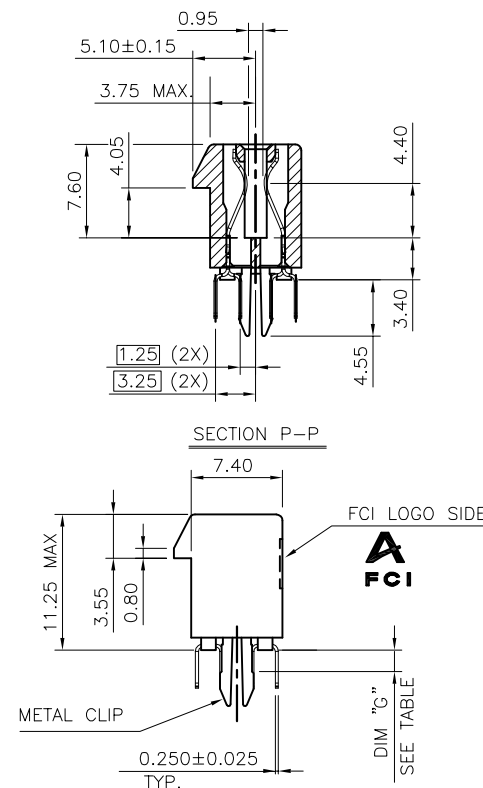
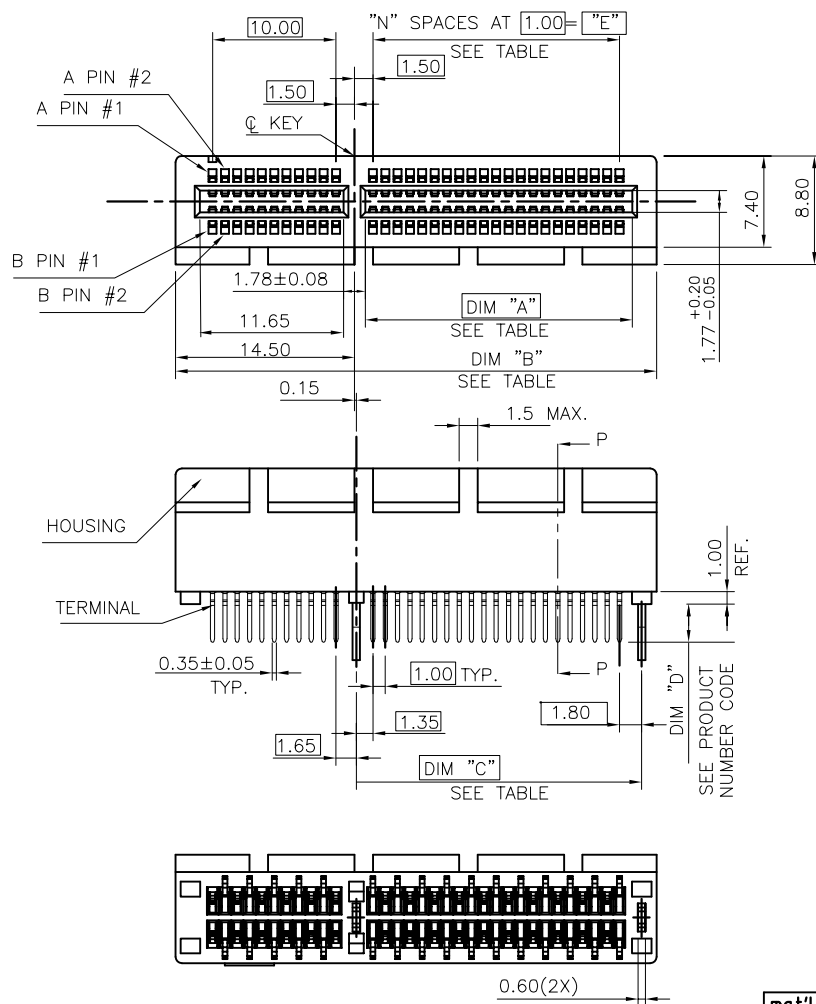
TWIN PLASTIC PEG TYPE

mat'l. code				surface	tolerance	projection	product family
-				-	ASME_Y14.5	MM	PCI_EXPRESS
ltr	ecn no	dr	date	tolerances unless otherwise specified			
B	ELX-06-37937	ZH	2017/09/12	angles	.02 ± 0.30	MM	title
C	ELX-06-37937	ZH	2020/07/07	linear	.00 ± 0.20	scale N/A	PCI_EXPRESS_CARD_EDGE_GEN3
				±2°	.000 ± 0.10		ASSEMBLY(TH)
				dr	ZHENHUA_LIU 2020-07-07	Amphenol FCI	dwg no
				enr	ZHENHUA_LIU 2020-07-07		sheet 1 of 6 size
				chr	HEAVEN_CEN 2020-07-07		10138327 A4
sheet	revision	c		appd			type
index	sheet						CUSTOMER Drawing



SINGLE PLASTIC PEG TYPE

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

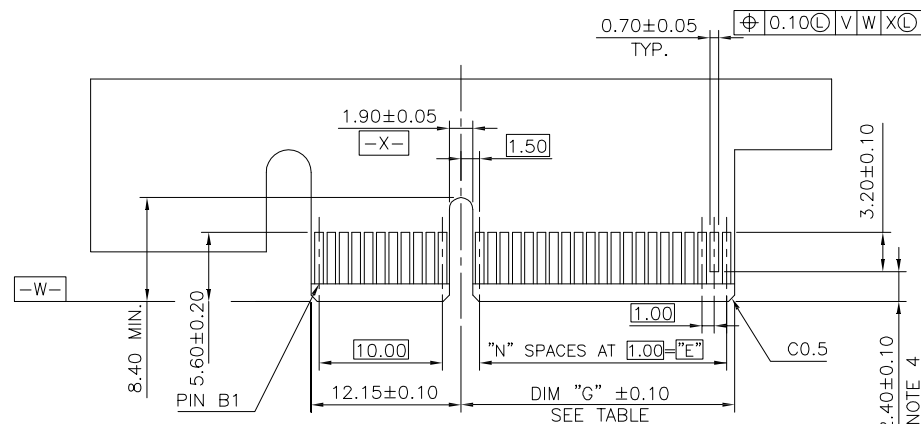


METAL BOARD LOCKS TYPE

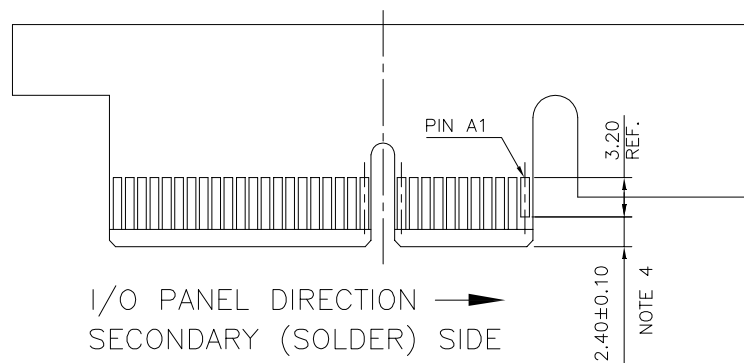
mat'l. code	surface	tolerance	projection	product family
-	ASME_Y14.5	ASME_Y14.5	MM	PCI_EXPRESS
ltr	ecn no	dr	date	title
				PCI_EXPRESS_CARD_EDGE_GEN3
				ASSEMBLY(TH)
				dwg no
				10138327
				type
				CUSTOMER Drawing
sheet	revision	c		
index	sheet			



led from [Arrow.com](https://www.arrow.com).

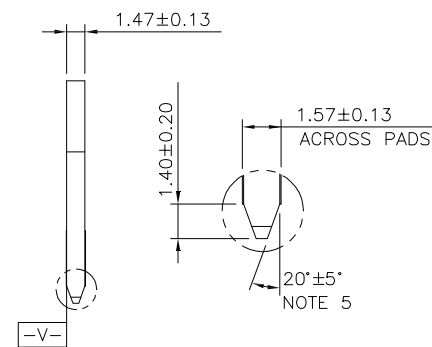


 I/O PANEL DIRECTION
 PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

ADD-IN CARD EDGE-FINGER DIMENSIONS



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 PCI_EXPRESS				
ltr ecn no dr date					tolerances unless otherwise specified				MM 		title PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(TH)				
					angles		linear .0±.030 .00±.020 ±2° .000±.010		scale N/A		dwg no sheet 5 of 6 size 10138327 A4				
					dr ZHENHUA_LIU 2020-07-07				Amphenol FCi						
					engr ZHENHUA_LIU 2020-07-07										
					chr										
					appd HEAVEN_CEN 2020-07-07						type 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 APPLICATION.

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

0-50u" 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 "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

LEAD FREE OPTION

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)

POS OPTIONS

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

1.5 REF.
X2



WITH MYLAR

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