

1 2 3 4 5 6 7

A

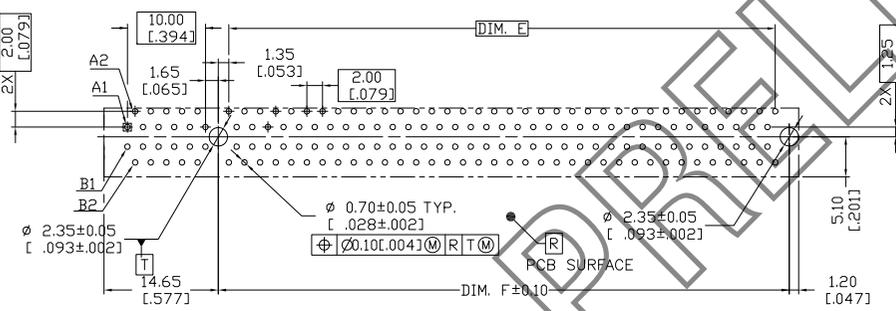
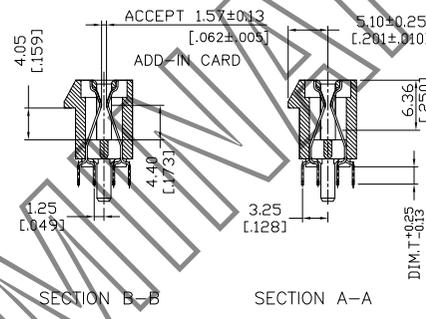
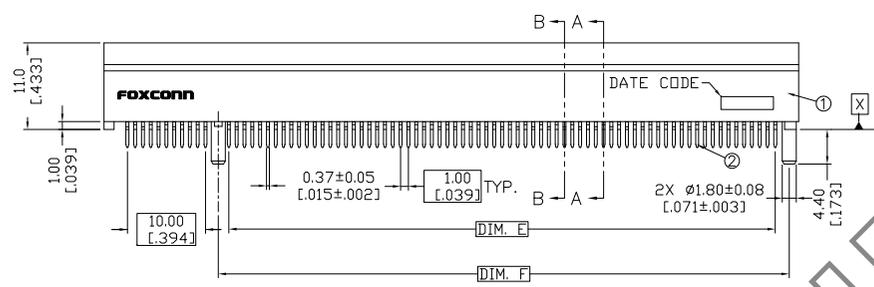
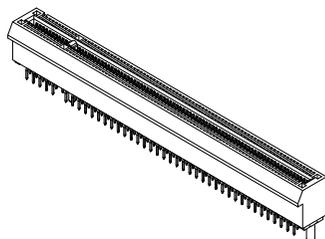
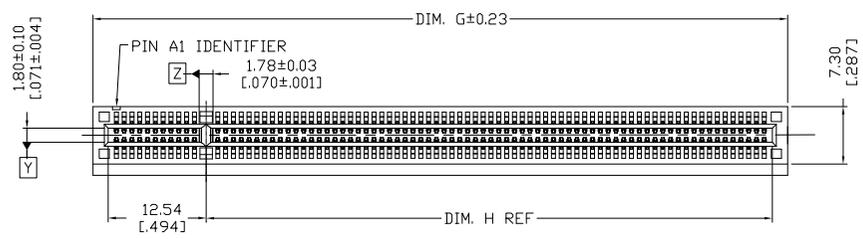
B

C

D

E

REV.	ECN.	NO.	APPD.
A	BC05712007	Wen-Guey Lii	
B	BC05725833	Wen-Guey Lii	
C	BC-07-7077392	C.C. Huang	
D	BC-10-0083615	C.C. Huang	
E	BC-12-0038949	Gwo-Dah Lin	
F	BC-12-0051795	Gwo-Dah Lin	
FX1	11/13'13	Gwo-Dah Lin	
FX2	07/11'14	Davy Bu	
FX3	12/29'14	Davy Bu	
FX4	01/14'15	Davy Bu	
FX5	01/27'15	Davy Bu	
FX6	09/02'15	Davy Bu	



RECOMMENDED PCB LAYOUT

PRODUCT NUMBER	DIM. T
2EG0**4*-D2D-**	2.54[.100]
2EG0**3*-D2D-**	3.56[.140]
2EG0**2*-D2D-**	3.10[.122]
2EG0**1*-D2D-**	2.30[.090]

PART NUMBER	DIM. E	DIM. F	DIM. G	DIM. H
2EG049**-D2D-**	37.00	40.15	56.00	39.54
2EG032**-D2D-**	20.00	23.15	39.00	22.54

- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING: 1.1 A PER PIN, 30°C RISE ABOVE AMBIENT. 50 MILLIOHMS MAX. AFTER TEST.
 - 1-2 CONTACT RESISTANCE: 30 MILLIOHMS MAX. INITIAL,
 - 1-3 INSULATION RESISTANCE: 1000 MEGOHMS MIN.
 - 1-4 DIELECTRICAL WITHSTAND VOLTAGE: 500 V AC MIN. AT SEA LEVEL.
 - MECHANICAL CHARACTERISTICS:
 - 2-1 CONTACT INSERTION FORCE: 1.15 N MAX. PER CONTACT PAIR.
 - 2-2 CONTACT REMOVAL FORCE: 0.15 N MIN. PER CONTACT PAIR.
 - 2-3 DURABILITY: 50 MATING AND UNMATING CYCLES.
 - 2-4 CONTACT RETENTION FORCE: 4.9 N MIN.
 - ENVIRONMENTAL CHARACTERISTICS:
 - 3-1 OPERATING TEMPERATURE RANGE: -40°C TO +105°C.
 - PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCTION DETAILS & AVAILABILITY
 - RECOMMENDED PROCESS CONDITION: WAVE SOLDER, 260°C, 3~5 S.

PROD. NO.: 2EG 0 ** * - D2D- **

FIELD PRODUCT SERIES: 2EG= PCI EXPRESS

TERMINAL TYPE: 0= VERTICAL TYPE FOR GEN3.0

PLATING TYPE:
DF= Lead Free
RoHS COMPLIANT
DM= Matte Tin & Lead Free

EXTENSION CODE

CONTACT AREA GOLD PLATING:
1= GOLD FLASH
7= 15u" GOLD
3= 30u" GOLD

NO. OF POS.
18= 36 POSITIONS
32= 64 POSITIONS
49= 98 POSITIONS
82= 164 POSITIONS

TAIL LENGTH:
1= 2.30mm
2= 3.10mm
3= 3.56mm
4= 2.54mm

ITEM	DESCRIPTION	MATERIAL	TREATMENT
2	CONTACT	COPPER ALLOY	NICKEL PLATING OVERALL .50u" MIN AT CONTACT AREA. 100u" MIN. TIN PLATING OVER NICKEL AT TAIL, GOLD PLATING ON CONTACT AREA.
1	HOUSING	THERMOPLASTIC UL 94V-0	MOLDED BLACK

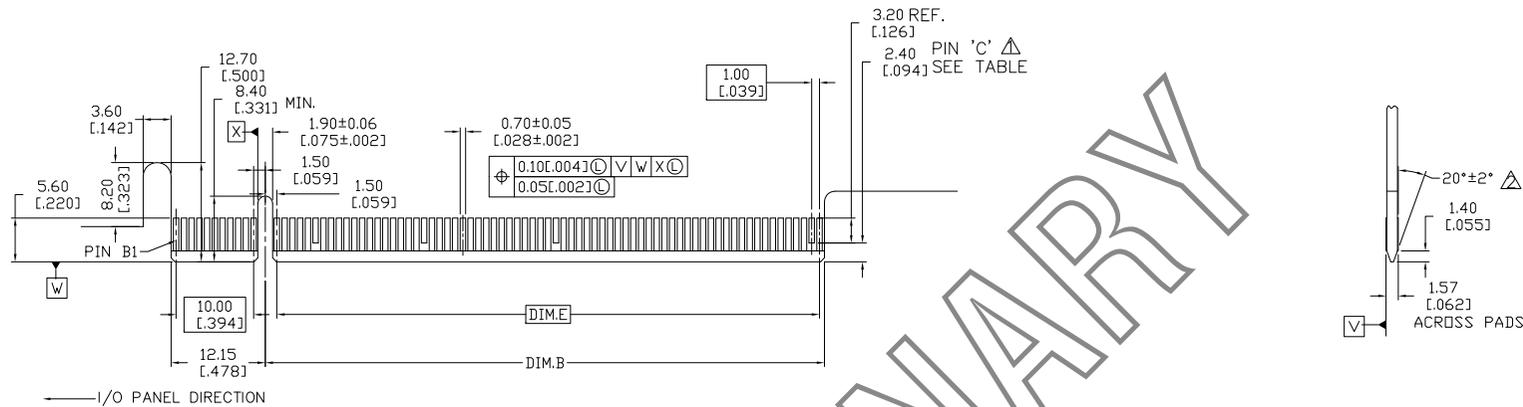
X. ±	X° ±	UNITS [mm] [INCH]	NAME (INTENDED USE)	FOXCONN
.X ± 0.38 [0.015]	.X° ±	MAT'L	Vertical, T/H	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.XX ± 0.25 [0.010]	.XX° ±	N/A	PART NO. (INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX ±	.XXX° ±	FINISH	2EG0****-D2D-**	TITLE: PCI EXPRESS CUSTOMER DRAWING
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED, AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.			APPD: Davy Bu 09/02'15	DWG NO.: 303-0000-1368
			CHKD: Johnny Tang 09/02'15	
			DR: Y-Y Bao 09/02'15	
			Q'TY	
			N/A	

SCALE	SHEET	REV.
N/A	1/2	FX6

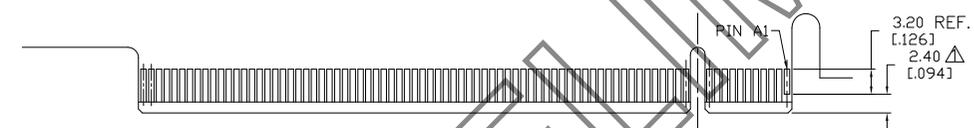
1 2 3 4 5 6 7

REV.	ECN.	NO.	APPD.
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SEE SHEET 1/2



PRIMARY (COMPONENT) SIDE



SECONDARY (SOLDER) SIDE

ADD-IN CARD EDGE-FINGER DIMENSIONS

PRELIMINARY

2EG049**-D2D-**	39.15	37.00	98/8X	B48
2EG032**-D2D-**	22.15	20.00	64/4X	B31
PART NUMBER	DIM. B	DIM. E	NO PDS /WAY	C Δ

X.±	X°±	UNITS	mm INCH	NAME(INTENDED USE)	FOXCONN FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25 [0.010]	.X°±	MAT'L	N/A	Vertical, T/H	
.XX± 0.13 [0.005]	.XX°±	FINISH	N/A	PART NO.(INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX°±	Q'TY	N/A	APPD: Davy Bu 09/02'15	TITLE: PCI EXPRESS CUSTOMER DRAWING
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				DR: Y-Y Bao 09/02'15	303-0000-1368
			SCALE	SHEET	REV.
			N/A	2/2	FX6

- NOTES:
- Δ NO TIE PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND 'C'.
 - Δ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.