

IDEAS GENERATED DRAWING DON'T CHANGED BY HAND.

M	BC-10-0092761	L.C.WU	REV.	ECN. NO.	APPD.
N	BC-10-0138903	L.C.WU	A	BC05724865	JOHN CHOW
NX1	PK140184	L.C.WU	B	BC05737331	JOHN CHOW
			C	BC05742704	JOHN CHOW
			D	BC05749973	JOHN CHOW
			E	BC06700461	JOHN CHOW
			F	BC06769656	JOHN CHOW
			G	BC-07-7039468	JOHN CHOW
			H	BC-08-7013681	L.C.WU
			J	BC-08-7056557	L.C.WU
			K	BC-08-7136598	L.C.WU
			L	BC-09-7004652	L.C.WU

NOTES: UNLESS OTHERWISE SPECIFIED.

△ PRESS FIT HOLES:

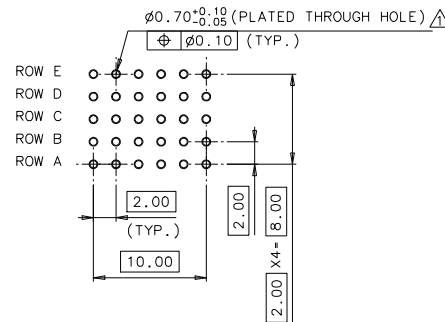
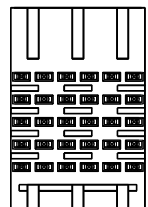
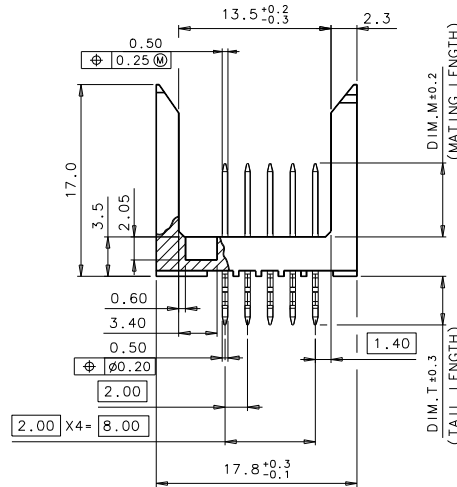
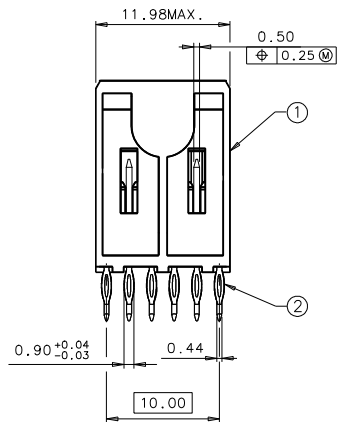
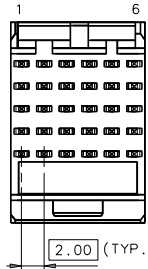
- 1) HOLE DIAMETER AFTER PLATING: 0.65~0.80mm.
- 2) DRILLED HOLE: 0.81~0.86mm.
- 3) COPPER PLATING: 0.025mm MIN.
- 4) TIN-LEAD OR LEAD FREE PLATING: 0.005~0.015mm.

2. ELECTRICAL CHARACTERISTICS:

- 1) CURRENT RATING: 1A MAX. PER CONTACT WITH ALL CONTACTS ENERGIZED.
- 2) DIELECTRIC WITHSTANDING VOLTAGE: 1000 V A.C.

3. MECHANICAL CHARACTERISTICS:

- 1) THE PRESS FIT INSERTION FORCE TO BE 100 N MAX. PER PIN AND THE WITHDRAWAL FORCE TO BE 20 N MIN. PER PIN.
- 2) THE MATING FORCE OF HEADER & REC. TO BE 0.45 N MAX. PER PIN AND THE UNMATING FORCE TO BE 0.15 N MIN. PER PIN.
4. DESIGNED TO CONFORM WITH IEC 61076-4-104.



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)

PART LIST

POS. NO.	1 F 2 1 0 3 0 * - P * * F S * - * *	LEAD FREE CODE
030: 30POS.		N: NONE
		F: LEAD FREE PLATING
		PACKAGE TYPE
		A: TUBE
		EXTENSION CODE
		N: NORMAL PLATING
		T: SELECTIVE PLATING
		A: NORMAL PLATING, MATTE TIN
		B: SELECTIVE PLATING, MATTE TIN
		BODY STYLE
		SELECTIVE PIN PATTERN (DETAIL SEE NEXT PAGE)
		TAIL STYLE
		P: PRESS FIT TYPE

PLATING SPEC.

- 1: GOLD FLASH
- 3: 0.76um(30u*)MIN. GOLD PLATING
- 5: 1.27um(50u*)MIN. GOLD PLATING
- 6: 0.25um(10u*)MIN. GOLD PLATING
- A: 0.76um(30u*)MIN. FPT PLATING
- 0.25um(10u*)MIN. GOLD INCLUDED.
- C: 1.27um(50u*)MIN. FPT PLATING
- 0.50um(20u*)MIN. GOLD INCLUDED.
- D: 1.27um(50u*)MIN. FPT PLATING
- 0.25um(10u*)MIN. GOLD INCLUDED.
- K: 0.50um(20u*)MIN. FPT PLATING
- GOLD FLASH INCLUDED.

2	CONTACT	PHOSPHOR BRONZE	1) 2.54um(100u*)MIN. NICKEL UNDERPLATING. 2) 0.76um(30u*)MIN. TIN LEAD OR LEAD FREE PLATING ON PRESS FIT AREA. 3) PLATING SPEC. OF MATING AREA, DETAIL REFER TO PART LIST.
1	HOUSING	LCP	IVORY WHITE, UL 94V-0
ITEM	DESCRIPTION	MATERIAL	TREATMENT
X. ±	X. ±	UNITS mm	NAME (INTENDED USE)
.X ± 0.20	.X ±	MAT'L	FUTURE BUS HEADER CONNECTOR
.XX ± 0.10	.XX ±	FINISH	PART NO. (INTENDED USE)
.XXX ±	.XXX ±		1F21030*-P**FS***
Q'TY			TITLE: F/B HEADER CUSTOMER DRAWING
APPD: L.C.WU 04/25'11			DWG NO.: 343-0000-1060
CHKD: CAMVARD 04/25'11			SCALE SHEET REV.
DR: JACKY 04/22'11			N/A 1/3 NX1

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IDEAS GENERATED DRAWING DON'T CHANGE BY HAND.

REV. ECN. NO. APPD.

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P01FS***	E	11	13	13	13	13
	D	13	13	13	13	13
	C	13	13	13	13	13
	B	13	13	13	13	13
	A	13	13	13	13	13

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P09FS***	E	12	—	12	—	12
	D	—	—	—	—	—
	C	12	—	12	—	12
	B	—	—	—	—	—
	A	12	—	12	—	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0GFS***	E	13	13	13	13	13
	D	13	13	13	13	13
	C	11	13	13	13	13
	B	13	13	13	13	13
	A	13	13	13	13	13

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0VFS***	E	11	—	11	—	11
	D	11	—	11	—	11
	C	11	—	11	—	11
	B	—	—	—	—	—
	A	11	11	11	11	11

CODE	KEY	
	DIMENSIONS	
	DIM "T"	DIM "M"
11	4.30	5.00
12	4.30	5.75
13	4.30	6.50
14	4.30	7.25
15	4.30	8.00
—	EMPTY POSITION	

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P03FS***	E	14	12	12	12	12
	D	14	12	12	12	12
	C	14	12	12	12	12
	B	14	12	12	12	12
	A	14	12	12	11	14

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0AFS***	E	12	12	12	13	12
	D	12	12	12	13	12
	C	12	11	12	13	12
	B	12	12	12	13	12
	A	12	12	12	13	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0KFS***	E	13	13	13	13	13
	D	13	13	13	13	13
	C	13	13	13	13	13
	B	13	13	13	13	13
	A	14	14	14	14	14

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0WFS***	E	11	11	11	11	13
	D	11	11	11	11	11
	C	11	11	11	11	11
	B	11	11	11	11	11
	A	11	11	11	11	11

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P04FS***	E	13	13	13	13	11
	D	13	13	13	13	13
	C	13	13	13	13	13
	B	13	13	13	13	13
	A	13	13	13	13	13

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0BFS***	E	14	12	12	12	12
	D	14	12	12	12	12
	C	14	12	12	12	12
	B	14	12	12	12	12
	A	14	12	12	12	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0LFS***	E	12	—	12	—	12
	D	—	—	—	—	—
	C	12	—	12	—	12
	B	—	—	—	—	—
	A	12	—	12	—	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0YFS***	E	14	14	—	12	12
	D	14	14	—	12	12
	C	14	14	—	12	12
	B	—	—	—	12	12
	A	14	14	14	14	14

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P05FS***	E	—	—	—	—	—
	D	12	12	12	12	12
	C	12	12	12	12	12
	B	12	12	12	12	12
	A	12	12	12	12	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0CFS***	E	—	14	12	14	12
	D	—	14	12	14	12
	C	—	14	14	14	14
	B	—	14	12	14	12
	A	—	14	12	14	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0MFS***	E	12	12	12	12	12
	D	12	12	12	12	12
	C	12	12	12	12	14
	B	12	12	12	12	12
	A	12	12	12	12	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0ZFS***	E	13	13	13	13	13
	D	13	13	13	13	13
	C	13	13	13	13	13
	B	13	13	13	13	13
	A	13	13	13	13	13

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P06FS***	E	—	—	—	—	—
	D	14	14	14	14	14
	C	14	14	14	14	14
	B	15	15	15	15	15
	A	15	15	15	15	15

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0DFS***	E	13	13	15	15	13
	D	13	13	15	15	13
	C	13	13	15	15	13
	B	13	13	15	15	13
	A	13	13	15	15	13

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0PFS***	E	13	13	13	13	13
	D	13	13	13	13	13
	C	14	13	13	13	13
	B	13	13	13	13	13
	A	13	13	13	13	13

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P19FS***	E	13	13	13	13	13
	D	13	13	13	13	13
	C	12	12	12	12	12
	B	13	13	13	13	13
	A	13	13	13	13	13

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P07FS***	E	—	12	—	12	—
	D	12	—	12	—	12
	C	—	12	—	12	—
	B	12	—	12	—	12
	A	—	12	—	12	—

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0EFS***	E	—	—	—	—	—
	D	14	14	14	14	14
	C	14	14	14	14	14
	B	15	15	15	15	15
	A	15	15	15	15	15

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0QFS***	E	—	14	12	14	12
	D	—	14	12	14	12
	C	—	14	14	14	14
	B	—	14	12	14	12
	A	—	14	12	14	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P20FS***	E	12	12	12	12	12
	D	12	12	12	12	12
	C	12	12	12	12	12
	B	12	12	12	12	12
	A	14	14	14	14	14

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P08FS***	E	12	12	12	12	12
	D	12	12	12	12	12
	C	14	12	12	12	12
	B	12	12	12	12	12
	A	12	12	12	12	12

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0FFS***	E	12	12	12	12	14
	D	12	12	12	12	14
	C	12	12	12	12	12
	B	12	12	12	12	15
	A	12	12	12	12	15

PRODUCT NUMBER	CONF I GUR A T I O N					
	1	2	3	4	5	6
1F21030*--P0UFS***	E	12	12	12	12	14
	D	12	12	12	12	14
	C	12	12	12	12	14
	B	12	12	12	12	14
	A	12	12	12	12	14

X. ±	X.* ±	UNITS	mm	NAME (INTENDED USE)	FOXCONN
.X ± N/A	.X* ±	MAT'L	N/A	FUTURE BUS HEADER CONNECTOR	HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.XX ± N/A	.XX* ±	FINISH	N/A	PART NO. (INTENDED USE)	TITLE: F/B HEADER CUSTOMER DRAWING
.XXX ±	.XXX* ±	Q'TY	N/A	1F21030*--P**FS***	DWG NO.: 343-0000-1060
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				DR: JACKY 04/22'11	

IDEAS GENERATED DRAWING DON'T CHANGE BY HAND.

REV. ECN. NO. APPD.

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P21FS*---	E	12	12	12	12	12
	D	12	12	12	12	12
	C	12	12	12	12	12
	B	12	12	12	12	12
	A	11	11	11	11	11

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P28FS*---	E	13	13	13	13	12
	D	13	13	13	13	12
	C	13	13	13	13	12
	B	13	13	13	13	12
	A	13	13	13	13	12

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P35FS*---	E	12	12	12	12	12
	D	12	12	12	12	12
	C	12	12	12	12	11
	B	12	12	12	12	12
	A	12	12	12	12	12

CODE	KEY	
	DIMENSIONS	
	DIM "T"	DIM "M"
11	4.30	5.00
12	4.30	5.75
13	4.30	6.50
14	4.30	7.25
15	4.30	8.00
-	EMPTY POSITION	

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P22FS*---	E	14	12	12	12	12
	D	14	12	12	12	12
	C	14	12	12	12	11
	B	14	12	12	12	12
	A	14	12	12	12	12

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P29FS*---	E	11	12	12	12	12
	D	12	12	12	12	12
	C	12	12	12	12	12
	B	12	12	12	12	12
	A	12	12	12	12	12

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P36FS*---	E	12	12	12	12	12
	D	12	12	12	12	12
	C	12	12	12	12	12
	B	12	12	11	12	12
	A	12	12	12	12	12

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P23FS*---	E	12	12	12	12	13
	D	12	12	12	12	13
	C	12	12	12	12	13
	B	12	12	12	12	13
	A	12	12	12	12	13

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P30FS*---	E	12	12	12	12	12
	D	12	12	12	12	12
	C	11	12	12	12	12
	B	12	12	12	12	12
	A	12	12	12	12	12

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P24FS*---	E	12	12	12	13	13
	D	12	12	12	13	13
	C	12	12	12	13	13
	B	12	12	12	13	13
	A	12	12	12	13	13

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P31FS*---	E	13	13	13	13	13
	D	13	13	13	13	13
	C	13	13	13	13	13
	B	13	13	13	13	13
	A	13	13	13	13	13

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P25FS*---	E	13	13	13	13	13
	D	11	11	11	11	11
	C	11	11	11	11	11
	B	11	11	11	11	11
	A	11	11	11	11	11

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P32FS*---	E	13	13	13	15	13
	D	13	13	13	15	13
	C	13	13	13	11	13
	B	13	13	13	15	13
	A	13	13	13	15	13

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P26FS*---	E	15	15	15	15	15
	D	11	11	11	11	11
	C	11	11	11	11	11
	B	11	11	11	11	11
	A	11	11	11	11	11

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P33FS*---	E	14	14	14	14	14
	D	13	13	13	13	13
	C	14	14	14	14	14
	B	14	14	14	14	14
	A	14	14	14	14	14

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P27FS*---	E	12	-	12	-	-
	D	-	12	-	12	-
	C	12	-	14	-	14
	B	-	12	-	12	-
	A	12	-	12	-	12

PRODUCT NUMBER	CONF I G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P34FS*---	E	14	12	13	13	12
	D	14	12	13	13	12
	C	14	12	13	13	12
	B	14	12	13	13	12
	A	14	12	13	13	12

X. ±	X.* ±	UNITS mm	NAME (INTENDED USE)	Foxconn
.X ± N/A	.X.* ±	MAT'L	FUTURE BUS HEADER CONNECTOR	HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.XX ± N/A	.XX.* ±	N/A	PART NO. (INTENDED USE)	TITLE: F/B HEADER CUSTOMER DRAWING
.XXX ±	.XXX.* ±	FINISH	1F21030*-P**FS*---	DWG NO.: 343-0000-1060
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		Q'TY	DR: JACKY 04/22'11	SCALE SHEET REV. N/A 3/3 N