

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.

PART LIST

1 F 2 1 0 3 0 * - P * * F S * - * *

POS. NO.
030: 30POS.

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.

LEAD FREE CODE
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

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±		PART NO.(INTENDED USE)
.XXX±	.XXX±	FINISH	1F21030*-P**FS***
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			CHKD:CAMVARD 04/25'11
			DR: JACKY 04/22'11
			DWG NO.: 343-0000-1060
			SCALE SHEET REV. N/A 1/3 NX1

RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)

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*-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 G U R 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 G U R 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 G U R 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	—	11	11	11	11
	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 G U R 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 G U R 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 G U R 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 G U R 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 G U R 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 G U R 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 G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P0LFS***	E	12	—	12	—	12
	D	—	12	—	12	—
	C	12	—	12	—	12
	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*-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 G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P05FS***	E	—	14	12	14	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*-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 G U R 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 G U R 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	12

PRODUCT NUMBER	CONF I G U R 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 G U R A T I O N					
	1	2	3	4	5	6
1F21030*-P0DFS***	E	13	13	15	13	14
	D	13	13	15	13	14
	C	13	13	15	13	14
	B	13	13	15	13	14
	A	13	13	15	13	14

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

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

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	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*-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	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*-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	13	15
	D	13	13	13	13	15
	C	13	13	13	13	15
	B	13	13	13	13	15
	A	13	13	13	13	15

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	—	—

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

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	

X. ±	X.° ±	UNITS mm	NAME (INTENDED USE) FUTURE BUS HEADER CONNECTOR	FOXCONN HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.X ± N/A	.X° ±	MAT'L N/A	PART NO. (INTENDED USE) 1F21030*-P**FS*--*	TITLE: F/B HEADER CUSTOMER DRAWING
.XX ± N/A	.XX° ±	FINISH N/A	APPD: L.C.WU 04/25'11	DWG NO.: 343-0000-1060
.XXX ±	.XXX° ±	Q'TY	CHKD: CAMVARD 04/25'11 DR: JACKY 04/22'11	SCALE SHEET REV. N/A 3/3 N
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