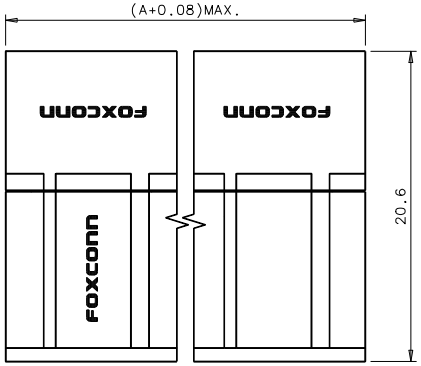
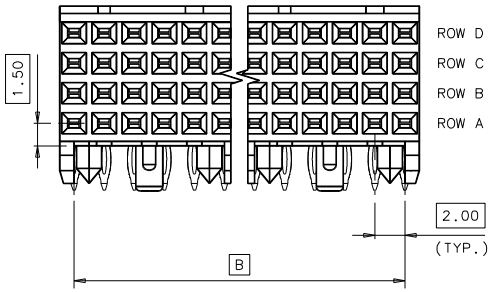
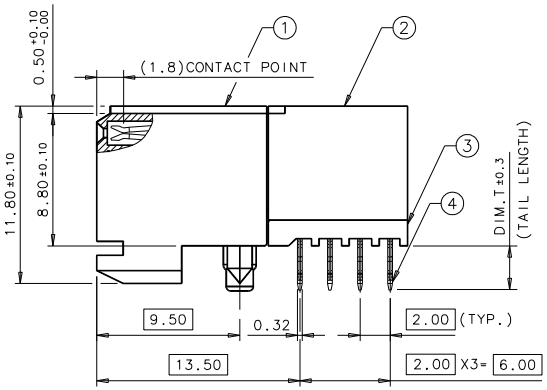
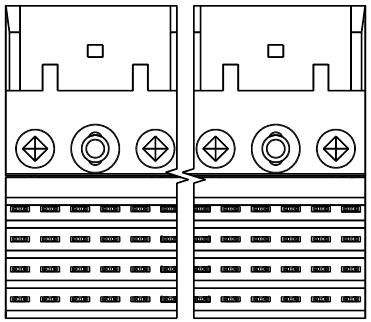
IDEAS GENERATED DRAWING. DON'T CHANGE BY HAND.

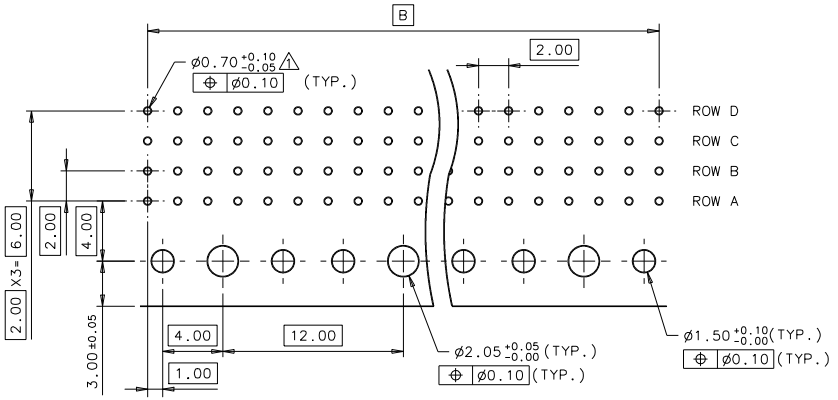
REV.	ECN. NO.	APPD.
A	BC05737266	JOHN CHOW
B	BC-11-0053856	L.C.WU











RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)

POS. NO.	DIM.A	DIM.B
192	95.90	94.00
96	47.90	46.00
48	23.90	22.00
24	11.90	10.00

NOTES:UNLESS OTHERWISE SPECIFIED.
⚠1 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

1F12 * * * * - P * 010 * - * *

POS. NO.
024: 24POS.
048: 48POS.
096: 96POS.
192: 192POS.

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.
D: 1.27um(50u")MIN. FPT PLATING
0.25um(10u")MIN. GOLD INCLUDED.

TAIL STYLE
P: PRESS FIT TYPE

LEAD FREE CODE
N: NONE
F: LEAD FREE PLATING

PACKAGE TYPE
A: TUBE

EXTENSION CODE
N: NORMAL PLATING
A: NORMAL PLATING, MATTE TIN

BODY STYLE
10: R/A STANDARD PART, WIDE BODY

TAIL LENGTH(DIM.T)
1: 2.95mm
2: 2.73mm
3: 3.53mm

ITEM	DESCRIPTION	MATERIAL	TREATMENT
4	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.
3	WAFER	LCP	IVORY WHITE, UL 94V-0
2	BLOCK	LCP	IVORY WHITE, UL 94V-0
1	HOUSING	LCP	IVORY WHITE, UL 94V-0

X.±	X.° ± 5.°	UNITS mm	NAME(INTENDED USE) FUTURE BUS REC. CONNECTOR
.X± 0.20	.X°±	MAT'L	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.
.XX± 0.10	.XX°±		PART NO.(INTENDED USE) 1F12****-P*010*-**
.XXX±	.XXX°±	FINISH	TITLE: CUSTOMER DRAWING SIGNAL MODULE, 4 ROW PRESS FIT
		Q'TY	APPD: L.C.WU 05/19'11
			CHKD: CAMVARD 05/18'11
			DR: JACKY 05/18'11

DWG NO.: 343-0000-1065

SCALE	SHEET	REV.
N/A	1/1	B

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