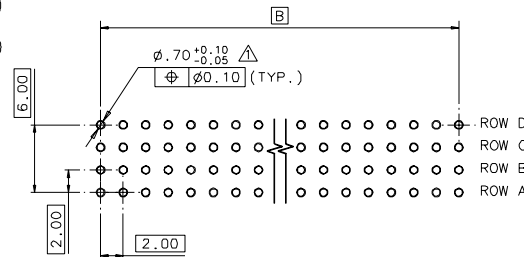
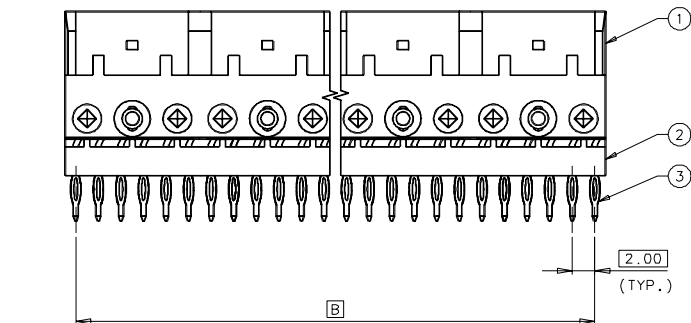
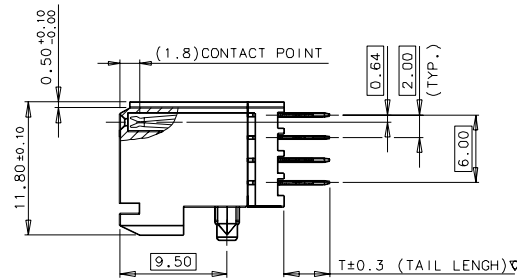
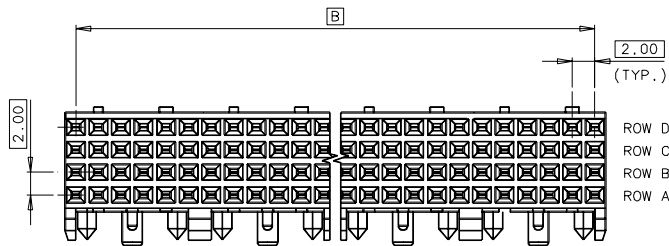


- NOTES: UNLESS OTHERWISE SPECIFIED;  
 ⚠️ PRESS FIT HOLES:  
 1) HOLE DIAMETER AFTER PLATING: 0.65~0.80mm.  
 2) DRILLED HOLE: 0.81~0.86mm.  
 3) COPPER PLATING: 0.025mm MIN.  
 4) TIN-LEAD OR LEAD FREE PLATING: 0.005~0.015mm.
2. ELECTRICAL CHARACTERISTICS:  
 1) CURRENT RATING: 1A MAX. PER CONTACT WITH ALL CONTACTS ENERGIZED.  
 2) DIELECTRIC WITHSTANDING VOLTAGE: 1000 V A.C.
3. MECHANICAL CHARACTERISTICS:  
 1) THE PRESS FIT INSERTION FORCE TO BE 100N MAX. PER PIN AND THE WITHDRAWAL FORCE TO BE 20N 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 1 2 \* \* \* \* - P \* 0 2 0 \* - \* \* \*  
 024 : 24 POS.  
 048 : 48 POS.  
 072 : 72 POS.  
 096 : 096 POS.  
 120 : 120 POS.  
 144 : 144 POS.  
 192 : 192 POS.
- PLATING SPEC.  
 1: GOLD FLASH  
 3: 0.76um(30u\*)MIN. GOLD PLATING  
 5: 1.25um(50u\*)MIN. GOLD PLATING  
 A: 0.76um(30u\*)MIN. FPT PLATING, 0.25um(10u\*)MIN. GOLD INCLUDED  
 B: 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
- LEAD FREE CODE  
 N: NONE  
 F: LEAD FREE PLATING  
 PACKAGE TYPE  
 A: TUBE  
 EXTENSION CODE  
 N: NORMAL PLATING  
 20: VERTICAL TYPE WIDE BODY  
 TAIL LENGTH  
 3: 4.05mm  
 TAIL STYLE  
 P: PRESS FIT TYPE

192	95.90	94.00
144	71.90	70.00
120	59.90	58.00
96	47.90	46.00
72	35.90	34.00
48	23.90	22.00
24	11.90	10.00
POS. NO.	DIM. A	DIM. B

3	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.
2	WAFER	LCP	IVORY WHITE, UL 94V-0
1	HOUSING	LCP	IVORY WHITE, UL 94V-0
ITEM	DESCRIPTION	MATERIAL	TREATMENT
X.±	X.± 5.*	UNITS mm	NAME (INTENDED USE) FUTURE BUS REC. CONNECTOR
.X ± 0.20	.X*±	MAT'L	<b>FOXCONN</b> HON HAI PRECISION IND. CO., LTD. TAIPEI, TAIWAN, R.O.C.
.XX ± 0.10	.XX*±	FINISH	PART NO. (INTENDED USE) 1F12****-P*020*-**
.XXX±	.XXX*±		TITLE: CUSTOMER DRAWING VERTICAL REC. 4ROW
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HON HAI PRECISION IND. CO., LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF HON HAI PRECISION IND. CO., LTD.			APPD: L.C.Wu 12/18'06 CHKD: CAMVARD 12/18'06 DR: TONY WANG 12/18'06
DWG NO.:			343-0000-1119
SCALE SHEET REV.			N/A 1/1 A