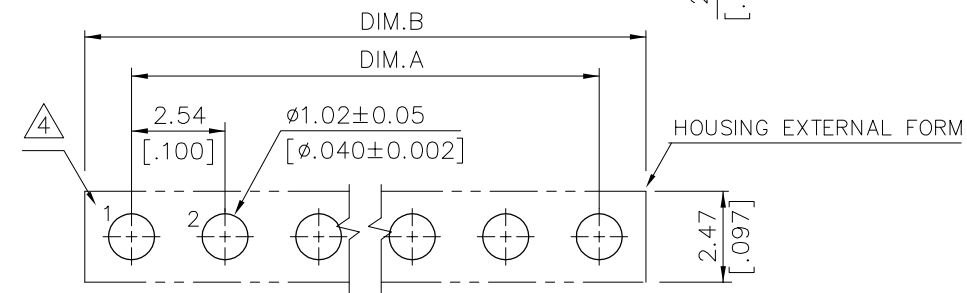
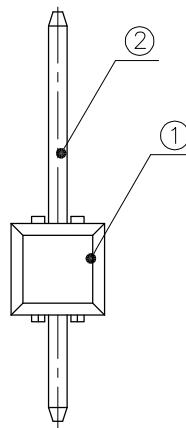
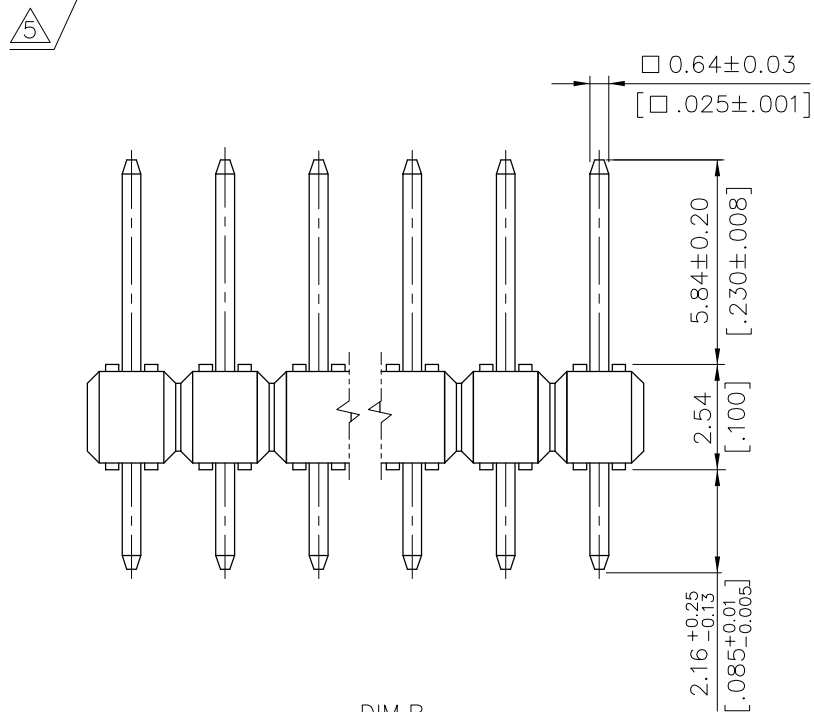
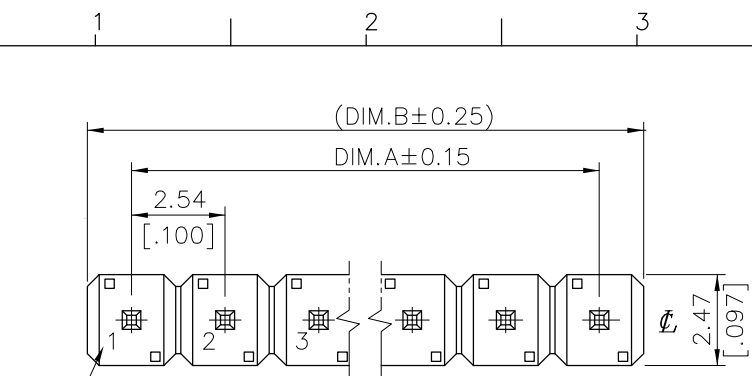


REV.	ECN. NO.	APPD.
A	IC023513	Yhsin Chen 5/22,02

NOTES:

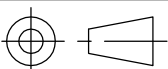
- 1) ALL DIMENSIONS ARE IN MILLIMETERS WITH INCH EQUIVALENTS SHOWN IN BRACKETS.
 - 2) DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994.
 - 3) MATERIALS OF ① AND ② ARE SHOWN ON DRAWING 307-0100-314.
 - 4) PRODUCT SPECIFICATION PLEASE SEE DRAWING 307-0100-315.
- ⑤ POSITION NO. FOR REFERENCE ONLY.



RECOMMENDED P.C.B. HOLE LAYOUT

Foxconn Confidential

X.±	0.38 [.015]	X°.±	UNITS	mm [INCH]	NAME(INTENDED USE)	FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.			
.X±	0.25 [.010]	.X°.±	MAT'L		HEADER CONN., .025" SQ., .100" CENTER, S/R.				
.XX±	0.13 [.005]	.XX°.±	FINISH		PART NO.(INTENDED USE)	TITLE:			
.XXX±		.XXX°.±	Q'TY		HB39 SERIES	CUSTOMER DRAWING			
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:	Jake W.Y	DWG NO.:	307-0100-316	
					CHKD:	D.J.Chen	SCALE	SHEET	REV.
					DR:	Tony Chang 1/29'08	N/A	1/2	AX1

1		2		3		4		
NOTES: 1. [] [] [] : MODIFICATION CODE OPTION SEE DWG. 307-0000-210				REV.	ECN. NO.	APPROVED		
PROD. NO.		CIRCUITS		DIM.A		DIM.B		
A	HB3901*-[] [] []	1	0.00 [.000]	2.29 [.090]				
	HB3902*-[] [] []	2	2.54 [.100]	4.83 [.190]				
	HB3903*-[] [] []	3	5.08 [.200]	7.37 [.290]				
	HB3904*-[] [] []	4	7.62 [.300]	9.91 [.390]				
	HB3905*-[] [] []	5	10.16 [.400]	12.45 [.490]				
B	HB3906*-[] [] []	6	12.70 [.500]	14.99 [.590]				
	HB3907*-[] [] []	7	15.24 [.600]	17.53 [.690]				
	HB3908*-[] [] []	8	17.78 [.700]	20.07 [.790]				
	HB3909*-[] [] []	9	20.32 [.800]	22.61 [.890]				
	HB3910*-[] [] []	10	22.86 [.900]	25.15 [.990]				
C	HB3911*-[] [] []	11	25.40 [1.000]	27.69 [1.090]				
	HB3912*-[] [] []	12	27.94 [1.100]	30.23 [1.190]				
	HB3913*-[] [] []	13	30.48 [1.200]	32.77 [1.290]				
	HB3914*-[] [] []	14	33.02 [1.300]	35.21 [1.390]				
	HB3915*-[] [] []	15	35.46 [1.400]	37.85 [1.490]				
D	HB3916*-[] [] []	16	38.10 [1.500]	40.39 [1.590]				
	HB3917*-[] [] []	17	40.64 [1.600]	42.93 [1.690]				
	HB3918*-[] [] []	18	43.18 [1.700]	45.47 [1.790]				
	HB3919*-[] [] []	19	45.72 [1.800]	48.01 [1.890]				
	HB3920*-[] [] []	20	48.26 [1.900]	50.55 [1.990]				
E	HB3921*-[] [] []	21	50.80 [2.000]	53.09 [2.090]				
	HB3922*-[] [] []	22	53.34 [2.100]	55.63 [2.190]				
	HB3923*-[] [] []	23	55.88 [2.200]	58.17 [2.290]				
	HB3924*-[] [] []	24	58.42 [2.300]	60.71 [2.390]				
	HB3925*-[] [] []	25	60.96 [2.400]	63.25 [2.490]				
F	HB3926*-[] [] []	26	63.50 [2.500]	65.79 [2.590]				
	HB3927*-[] [] []	27	66.04 [2.600]	68.33 [2.690]				
	HB3928*-[] [] []	28	68.58 [2.700]	70.87 [2.790]				
	HB3929*-[] [] []	29	71.12 [2.800]	73.41 [2.890]				
	HB3930*-[] [] []	30	73.66 [2.900]	75.95 [2.990]				
G	HB3931*-[] [] []	31	76.20 [3.000]	78.49 [3.090]				
	HB3932*-[] [] []	32	78.74 [3.100]	81.03 [3.190]				
	HB3933*-[] [] []	33	81.28 [3.200]	83.57 [3.290]				
	HB3934*-[] [] []	34	83.82 [3.300]	86.11 [3.390]				
	HB3935*-[] [] []	35	86.36 [3.400]	88.65 [3.490]				
H	HB3936*-[] [] []	36	88.90 [3.500]	91.19 [3.590]				
	HB3937*-[] [] []	37	91.44 [3.600]	93.73 [3.690]				
	HB3938*-[] [] []	38	93.98 [3.700]	96.27 [3.790]				
	HB3939*-[] [] []	39	96.52 [3.800]	98.81 [3.890]				
	HB3940*-[] [] []	40	99.06 [3.900]	101.35 [3.990]				
I	X.±	X°.±	UNITS ^{mm} [INCH]	NAME(INTENDED USE) HEADER CONN., .025" SQ., .100" CENTER, S/R.		FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.		
	.X±	.X°.±	MAT'L	PART NO.(INTENDED USE) HB39 SERIES		TITLE: CUSTOMER DRAWING		
	.XX±	.XX°.±	FINISH	APPD: Jake W.Y		DWG NO.: 307-0100-316		
	.XXX±	.XXX°.±		CHKD: D.J.Chen				
	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.			Q'TY	DR: Tony Chang 1/29'08			SCALE
						N/A	2/2	AX1

ITEM	DESCRIPTION	Q'TY	MATERIAL	TREATMENT	REMARK
1	INSULATOR	1	HIGH TEMP, THERMOPLASTIC GLASS FILLED, UL94 V-0.	SEE BELLOW	
2	CONTACT	SAME AS NO. OF POSITION. (SEE BELOW)	COPPER ALLOY	50u" MIN. NICKEL UNDER PLATING, CONTACT AND TAIL ARAE PLATING SEE BELOW.	

REMARK:

1. PROD. NO.: H B 39 □□ *— □□□□

HEADER —┘

SINGLE ROW —┘

TERMINATION & CONTACT TYPE —┘

OPTIONAL FOR MODIFICATION CODE.
SEE DWG. 307-0000-210.

PLATING OPTION

U = GOLD FLASH ON CONTACT AREA
100u" TIN ON TAIL WITH LEAD FREE.

NO. OF CONTACT POS.

01 = 1 POSITION.

02 = 2 POSITIONS.

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.

40 = 40 POSITIONS.

FOXCONN

HON HAI PRECISION INDUSTRY CO., LTD.
TAIPEI TAIWAN R.O.C.

TITLE: HEADER BREAKAWAY, .
.100" CEN., .045" SQ. S/R

APPD. : Yihsin chen 5/22'02

CHKD: Wolfe Liu 5/21'02

PROD. NO.: HB39 SERIES

DR. : Nonuny Liu 05/5'02

DWG. NO. : 307-0100-314

REV. : A

SHEET: 1 OF 1

A	IC023513	Yihsin Chen 5/22'02
REV.	ECN. NO.	APPD.

SPECIFICATIONS :

1. PHYSICAL:

- 1-1. HOUSING : HIGH TEMP. THERMOPLASTIC , GLASS FILLED, UL94V-0 RATING.
- 1-2. CONTACT: COPPER ALLOY.

2. ELECTRICAL CHARACTERISTICS:

- 2-1. CONTACT CURRENT RATING : 3 AMPERE, CONTINUOUSLY.
- 2-2. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
- 2-3. INSULATION RESISTANCE: 1000 MEGOHMS MIN.

3. MECHANICAL CHARACTERISTICS:

- 3-1. CONTACT RETENTION FORCE: 2 LBS (0.91 Kg) MIN.

4. ENVIRONMENTAL DATA:

- 4-1. SOLDERABILITY: PASSED MIL-STD-202F, METHOD 208.
- 4-2. OPERATION TEMPERATURE: -40°C TO +105°C .

FOXCONN HON HAI PRECISION INDUSTRY CO., LTD.
TAIPEI TAIWAN R.O.C.

TITLE	HEADER BREAKAWAY, .100"	APP.: Yihsin Chen 5/22,02
	CEN., SPECIFICATION	CHKD: Wolfe Liu 5/21'02

A	IC023513	Yihsin Chen 5/22,02	PROD. NO.: HB39[][*]-[][][]	DR. : Nouny Lu 05/5' 02
REV.	ECN. NO.	APPD.	DWG. NO. 307-0100-315	REV. : A SHEET: 1 OF 1



REV.	ECN. NO.	APPD.
A	HC95575	Jeff 4/14'95
B	HC95916	I.K.Liu 6/7'95
C	HC96024	I.K.Liu 6/1'96
D	HC96774	C. Chen 5/23'96
E	HC96834	C. Chen 6/3'96
F	HC97579	C. CHEN 3/30'96
G	HC972348	I.K.Liu 10/28'97
H	HC991455	DICK 5/25'99
J	IC023608	Yihsin Chen 5/22'02
K	BC06782042	Jake W.Y

REMARK:

△ OPTIONAL FOR KINKS.

NONE: STANDARD PRODUCT, WITH OUT KINK
 K = THE 1ST, 2ND, N & N-1, 4 PIECES OF TERMINALS ARE KINKDE.
 K0 = ALL PINS WITH KINK.

△ OPTIONAL FOR HOUSING COLOR.

NONE : STANDARD PRODUCT, COLOR BLACK.
 W: WHITE COLOR.
 U: BLUE COLOR (PANTON 661C).
 Y: YELLOW COLOR (PANTONE 123C).
 R: RED COLOR (PANTONE 032C).
 J: WARM RED COLOR (PANTONE 1665C).
 G: GREEN COLOR (PANTONE 347C).
 T: ORANGE COLOR (PANTONE 157C).

△ MODIFICATION CODE.

CODE	DESCRIPTION
B7	2th & 3th & 4th PINS OMITTED.
B8	5th & 12th & 14th & 25th PINS OMITTED.
B9	2nd & 4th & 7th PINS OMITTED.
D0	
D1	2nd & FINAL 2nd PINS OMITTED.
D2	20th POSITION OMITTED.
D3	4th & 21st POSITION OMITTED.
D4	8th POSITION OMITTED.
D5	3rd POSITION OMITTED.
D6	2nd, 4th, 6th & 10th POSITION OMITTED.
D7	4th, 8th, 12th, 16th, 20th, & 24th POSITION OMITTED.
D8	3rd,4th,6th,9th,13th & 15th POSITION OMITTED.
D9	3rd & 4th POSITION OMITTED.

FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.	
APPD. : Yusan	TITLE : TABLE,MODIFICATION CODE
CHKD. : Steven Huang	PROD. SERIES : HB SERIES
DR. : Justin Dong 1/08'07	DWG. NO : 307-0000-210
	REV. : K SHEET : 1/2

REV.	ECN. NO.	APPD.

P0	4th POSITION OMITTED.
P1	6th POSITION OMITTED.
P2	9th & 10th POSITION OMITTED.
P3	2nd POSITION OMITTED.
P4	5th POSITION OMITTED.
P5	10th POSITION OMITTED.
P6	2nd, 6th, 9th & 11th POSITION OMITTED.
P7	3rd, 5th, 8th POSITION OMITTED.
P8	7th POSITION OMITTED.
P9	9th POSITION OMITTED.

T0	2nd, 9th, 11th, 14th, 17th, 20th,21st & 23rd POSI. OMITTED.
T1	1st & END PINS WITH KINK, 2nd POSTION OMITTED.
T2	ALL PINS WITH KINK, 3rd & 4th POSITION OMITTED.
T3	ALL PINS WITH KINK, 5th & 6th POSITION OMITTED.
T4	2nd, 9th, 11th, 14th, 17th, 20th & 22nd POSITION OMITTED.
T5	3rd, 4th, 13rd & 14th POSITION OMITTED.
T6	2nd,3rd,5th,9th,11th,14th,17th,20th & 22nd POSITION OMITTED.
T7	3rd,4th,6th,9th,13th,15th & 16th POSITION OMITTED.
T8	2nd & 3rd POSITION OMITTED.
T9	3rd,5th,9th,13th & 15th POSITION OMITTED.

U0	4th, 8th & 12th POSITION OMITTED.
U1	3rd & 5th POSITION OMITTED
U2	3rd, 5th & 9th POSITION OMITTED
U3	3rd,4th,6th,9th & 15th POSITION OMITTED.
U4	3rd,7th,9th,11th,14th,16th,20th & 22nd POSITION OMITTED.
U5	3rd,5th,9th,13th & 16th POSITION OMITTED.
U6	2nd,9th,11th,17th,20th,22nd & 24th POSITION OMITTED.
U7	5th,7th,12th,14th,17th,19th,21st & 25th POSITION OMITTED.
U8	2nd,5th,8th & 10th POSITION OMITTED.
U9	4th & 8th POSITION OMITTED.

L0	3rd,5th,9th,13th & 15th POSITION OMITTED.
L1	5th,9th & 12th POSITION OMITTED.
L2	2nd,9th,10th,11th,12th,15th & 17 POS. OMITTED.
L3	2nd,5th & 17th POSITION OMITTED.
L4	5th,7th,11th,13th,16th,20th & 24th POS. OMITTED.
L5	4th,9th,16th & 19th POS. OMITTED.
L6	4th & 9th POSITION OMITTED.
L8	5th,7th & 15th POSITION OMITTED.
L9	12th POSITION OMITTED.

4. HARMFUL MATERIAL CONTROL PLEASE FOLLOW FOXCONN'S DOC. "EPI12".

5. PLEASE CONTACT FOXCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.

FOXCONN HON HAI PRECISION IND. CO.,LTD. TAIPEI, TAIWAN, R.O.C.	
APPD. : Yusan	TITLE : TABLE,MODIFICATION CODE
CHKD. : Steven Huang	PROD. SERIES : HB SERIES
DR. : Justin Dong 1/08'07	DWG. NO : 307-0000-210
	REV. : K SHEET : 2/2