

SPECIFICATIONS

Mechanical

Contact Retention Force: 0.91Kgf Min.

Electrical

Current Rating: 3.0A per pin min.

Dielectric Withstanding Voltage: 500V AC.

Insulation Resistance: 1000MΩ min.

Physical

Housing: Nylon 6T, UL 94V-0, Color See "NOTES"

Contact: Copper alloy

Plating: See "ORDERING INFORMATION"

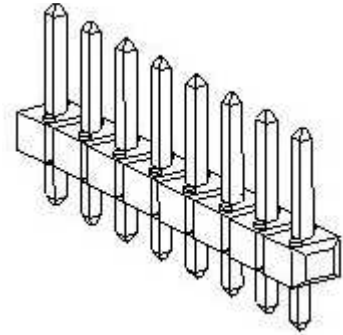
Operating Temperature: -40°C to +105°C

Breakaway Header

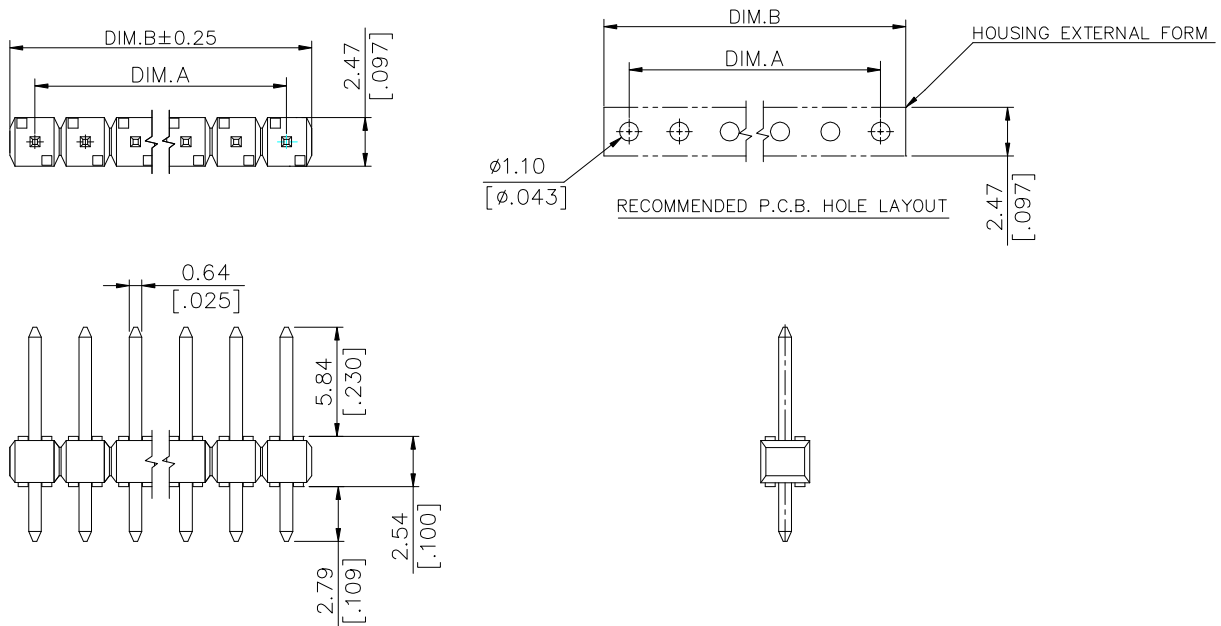
HB31 Series

T/H Type

2.54mm [.100"] Pitch



DRAWING



ORDERING INFORMATION

PRODUCT No. : HB 31 ** * _ * * *

Breakaway Header

Termination & Contact Type

No. Of Single Row Pos.

02 = 2 POS.

.

.

.

40 = 40 POS.

MODIFICATION CODE

SEE DWG. 307-0000-210

Contact Area Plating

F=Gold Flash with Lead free

V=15u"min.Gold Plating with Lead free

H=30u"min.Gold Plating with Lead free

ORDERING INFORMATION



| 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 POSITION 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 |