

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"

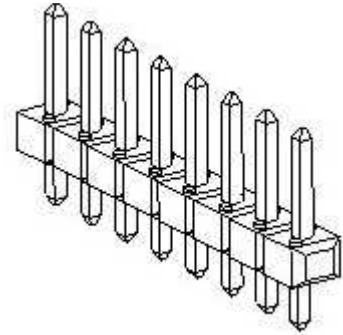
Operating Temperature: -40°C to +105°C

Breakaway Header

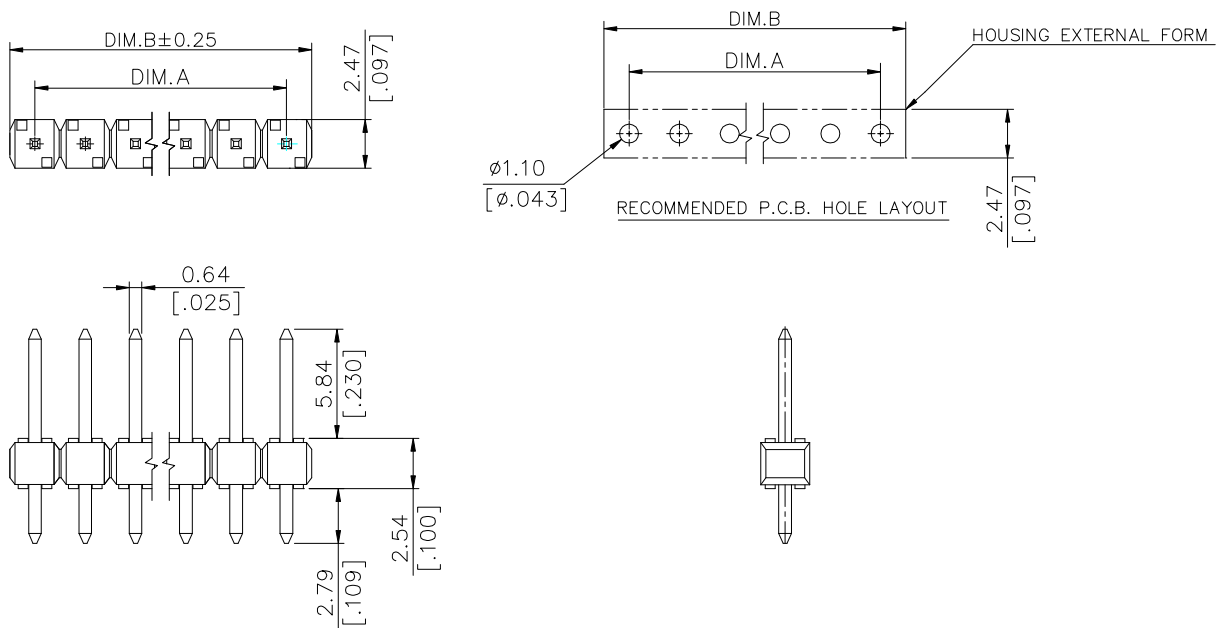
HB31 Series

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.

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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