

Note:

1. Material:

* Insulation: Nylon 66 UL 94V-0, Color Nature

* Contact: Brass

△△ 2. For Lead Free Wave Flow Process

Ordering Code:

CI21 ** P * V *0
① ② ③ ④ ⑤ ⑥

① Series No.

② No. of Circuits

③ Contact type: P= Pin header

④ Plating option:

1= 3.05μm(120μ") Min. Tin
over 0.76μm(30μ") Nickel

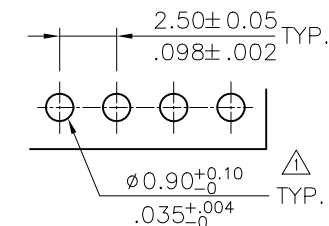
2= Gold Flash plated over
1.27μm(50μ") Nickel

⑤ Type: V= Straight

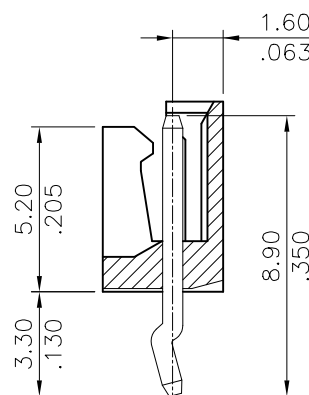
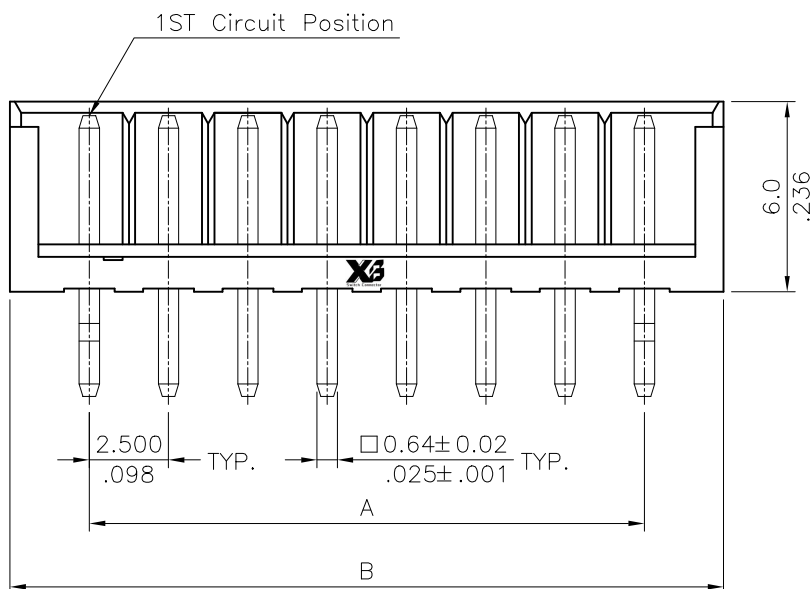
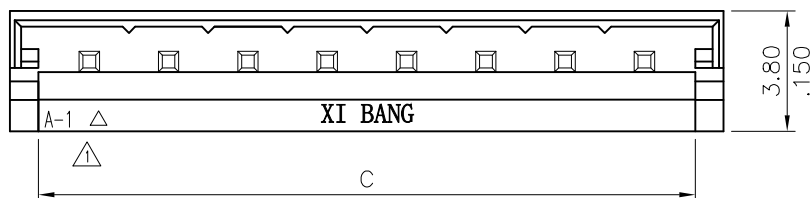
⑥ Other Option:

K0= With Pin Kinked(Standard)

00= Without Pin Kinked



Recommended P.C. Board Layout



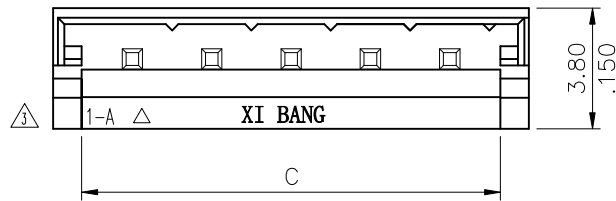
Circuits	Dimension		
	A	B	C
2	2.50(.098)	7.5(.295)	5.70(.224)
3	5.00(.197)	10.0(.394)	8.20(.323)
4	7.50(.295)	12.5(.492)	10.70(.421)
5	10.00(.394)	15.0(.591)	13.20(.520)
6	12.50(.492)	17.5(.689)	15.70(.618)
7	15.00(.591)	20.0(.787)	18.20(.717)
8	17.50(.689)	22.5(.886)	20.70(.815)
9	20.00(.787)	25.0(.984)	23.20(.913)
10	22.50(.886)	27.5(1.083)	25.70(1.012)
11	25.00(.984)	30.0(1.181)	28.20(1.110)
12	27.50(1.083)	32.5(1.280)	30.70(1.209)
13	30.00(1.181)	35.0(1.378)	33.20(1.307)
14	32.50(1.280)	37.5(1.476)	35.70(1.406)
15	35.00(1.378)	40.0(1.575)	38.20(1.504)

Halogen-Free

Lead Free Process

RoHS compliant

④					DATE	UNIT: mm / inch		TITLE: 2.50MM(.098") STRAIGHT PIN HEADERS	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.
③	Sun	7/20-17'	ECNT117146/ECRT117041	DRAWN BY:	Sun	7/21-17'	TOLERANCE UNLESS OTHERWISE SPECIFIED		
②	Enya	3/8-13'	ECN13056-0/ECR13007-1	ENGINEER:	Sun	7/21-17'	.X ± 0.30/.012 X' ± 1'		
①	Sun	9/05-11'	ECR11046-1/ECN11199	CHECKED BY:	Eisley	7/28-17'		.XX ± 0.20/.008 X' ±	
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	7/28-17'	.XXX ± 0.10/.004 .XX' ±	MATERIAL:	
								FINISH:	DRAWING NO. CI2102SI PART NO. CI21**P*V*0
									SCALE 4 / 1 SHEET 1 OF 1



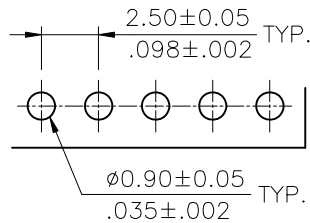
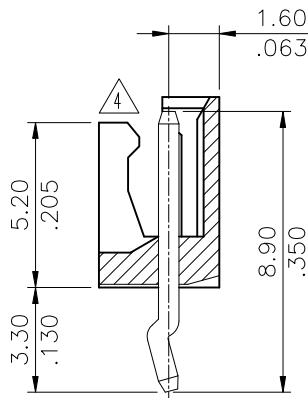
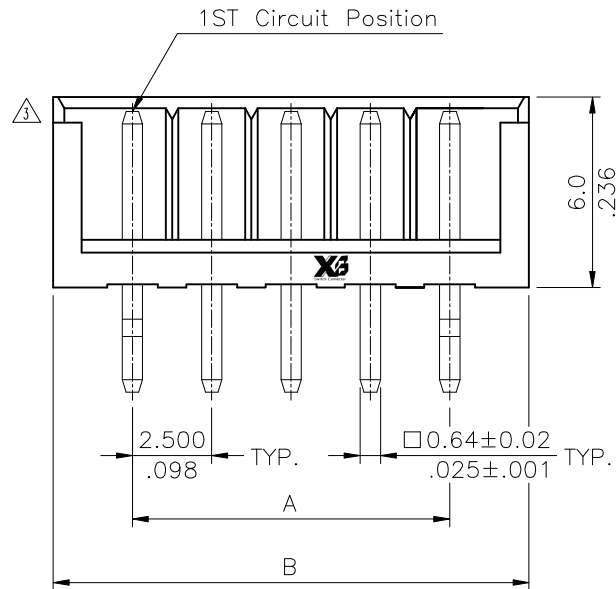
Note:

1. Material:

* Insulation: Nylon 46 UL 94V-0
Color Nature

* Contact: Brass

△ 2. For Lead Free Wave flow Process



Recommended P.C. Board Layout

Ordering Code:

CI21 ** P 1 V ** -LF
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits

③ Contact type: P= Pin header

④ Plating option:

1= 3.05μm(120μ") Min. Tin

over 0.76μm(30μ") Nickel (Mitte Tin finish)

2= Gold Flash plated over 1.27μm(50μ") Nickel

⑤ Type: V= Straight

△ ⑥ Other Option: K0= With Pin Kinked(Standard)

00= Without Pin Kinked

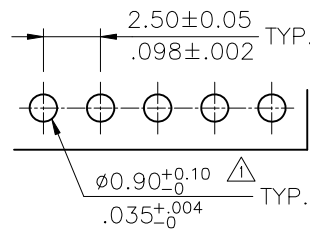
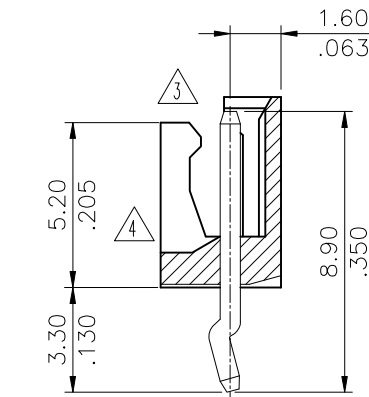
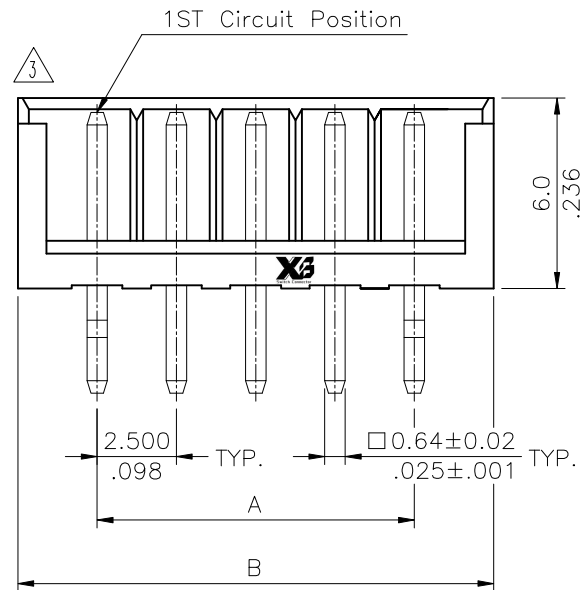
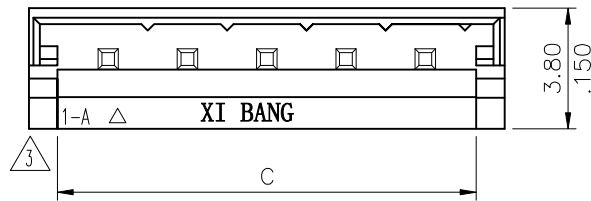
⑦ -LF= For Lead Free Wave flow Process

Circuits	Dimension		
	A	B	C
2	2.50(.098)	7.5(.295)	5.70(.224)
3	5.00(.197)	10.0(.394)	8.20(.323)
4	7.50(.295)	12.5(.492)	10.70(.421)
5	10.00(.394)	15.0(.591)	13.20(.520)
6	12.50(.492)	17.5(.689)	15.70(.618)
7	15.00(.591)	20.0(.787)	18.20(.717)
8	17.50(.689)	22.5(.886)	20.70(.815)
9	20.00(.787)	25.0(.984)	23.20(.913)
10	22.50(.886)	27.5(1.083)	25.70(1.012)
11	25.00(.984)	30.0(1.181)	28.20(1.110)
12	27.50(1.083)	32.5(1.280)	30.70(1.209)
13	30.00(1.181)	35.0(1.378)	33.20(1.307)
14	32.50(1.280)	37.5(1.476)	35.70(1.406)
15	35.00(1.378)	40.0(1.575)	38.20(1.504)

Lead Free Process

RoHS Compliant

4	Kenny	8/24-20'	ECNT120222		DATE	UNIT: mm / inch		TITLE: 2.50MM(.098") STRAIGHT PIN HEADERS	XB Switch Connector 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.			
3	Ellie	10/9-14'	ECNT114228/ECRB114059	DRAWN BY:	Kenny	8/24-20'	TOLERANCE UNLESS OTHERWISE SPECIFIED					
2	Enya	3/8-13'	ECN13056-0/ECR13007-1	ENGINEER:	Sun	8/25-20'		.X ± 0.30/.012 X' ± 1"				
1	Una	12/23-10'	ECN10408	CHECKED BY:	Eisley	9/2-20'	.XX ± 0.20/.008 X' ±					
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	9/2-20'	.XXX ± 0.10/.004 .XX' ±	MATERIAL:	DRAWING NO.	CI2110SF	PART NO.	CI21**P*V**-LF
								FINISH:	SCALE	4 / 1	SHEET	1 OF 1



Note:

1. Material:

* Insulation: Nylon 6T With 30% GF.

UL 94V-0, Color Nature
(Halogen-Free)

* Contact: Brass

△ 2. For Lead Free Wave flow Process

Ordering Code:

CI21 ** P 1 V K0 -NH
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.

② No. of Circuits

③ Contact type: P= Pin header

④ Plating option:

1= 3.05μm(120μ") Min. Tin

over 0.76μm(30μ") Nickel (Mitte Tin finish)

⑤ Type: V= Straight

⑥ Other Option: K0= With Pin Kinked(Standard)
00= Without Pin Kinked

⑦ -NH= For Lead Free wave flow Process
and Halogen-Free

Circuits	Dimension		
	A	B	C
2	2.50(.098)	7.5(.295)	5.70(.224)
3	5.00(.197)	10.0(.394)	8.20(.323)
4	7.50(.295)	12.5(.492)	10.70(.421)
5	10.00(.394)	15.0(.591)	13.20(.520)
6	12.50(.492)	17.5(.689)	15.70(.618)
7	15.00(.591)	20.0(.787)	18.20(.717)
8	17.50(.689)	22.5(.886)	20.70(.815)
9	20.00(.787)	25.0(.984)	23.20(.913)
10	22.50(.886)	27.5(1.083)	25.70(1.012)
11	25.00(.984)	30.0(1.181)	28.20(1.110)
12	27.50(1.083)	32.5(1.280)	30.70(1.209)
13	30.00(1.181)	35.0(1.378)	33.20(1.307)
14	32.50(1.280)	37.5(1.476)	35.70(1.406)
15	35.00(1.378)	40.0(1.575)	38.20(1.504)

Halogen-Free

Lead Free Process

RoHS Compliant

Recommended P.C. Board Layout

4	Kenny	8/24-20'	ECNT120222			DATE	UNIT: mm / inch	TITLE: 2.50MM(.098") STRAIGHT PIN HEADERS	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.				
3	Ellie	10/9-14'	ECNT114228/ECRB114059	DRAWN BY:	Kenny	8/24-20'	TOLERANCE UNLESS OTHERWISE SPECIFIED						
2	Enya	3/8-13'	ECN13056-0/ECR13007-1	ENGINEER:	Sun	8/25-20'	.X ± 0.30/.012	X' ± 1"					MATERIAL:
1	Sun	9/05-11'	ECR11046-1/ECN11199	CHECKED BY:	Eisley	9/2-20'	.XX ± 0.20/.008	X' ±					FINISH:
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Eisley	9/2-20'	.XXX ± 0.10/.004	.XX' ±		SCALE	4 / 1	SHEET	1 OF 1