

Material:

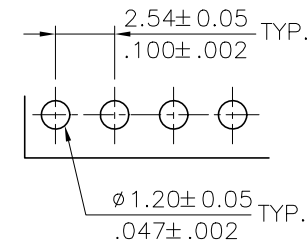
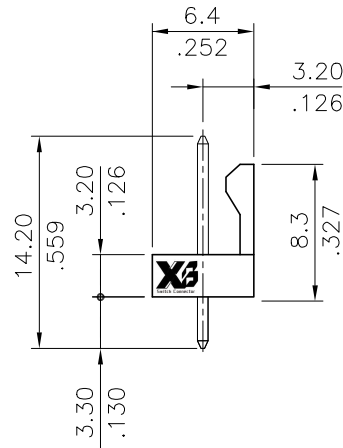
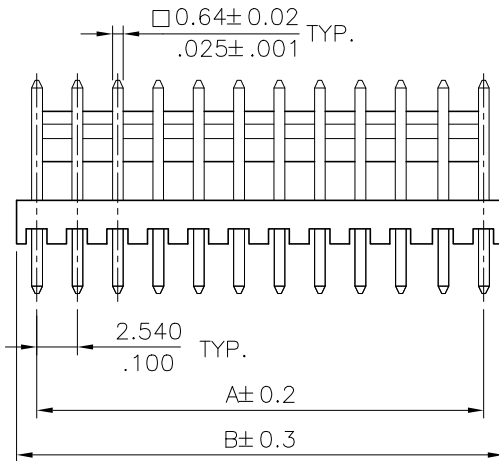
* Insulation: High temperature plastic UL 94V-0

* Contact: Brass

Ordering Code:

CI31 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② No. of Circuits
- ③ Contact type: P= Pin header
- ④ Plating option:
1 = 3.05μm(120μ") Min. Matte Tin plated over 0.76μm(30μ") Nickel
- ⑤ Tail Style: V= Vertical
- ⑥ Color: 0= Nature
- ⑦ Option: L= Low Profile Type
- ⑧ NH= Halogen-Free



Circuits	Dimension	
	A	B
2	2.54(.100)	5.1(.200)
3	5.08(.200)	7.6(.300)
4	7.62(.300)	10.2(.400)
5	10.16(.400)	12.7(.500)
6	12.70(.500)	15.2(.600)
7	15.24(.600)	17.9(.700)
8	17.78(.700)	20.3(.800)
9	20.32(.800)	22.9(.900)
10	22.86(.900)	25.4(1.000)
11	25.40(1.000)	27.9(1.100)
12	27.94(1.100)	30.5(1.200)
13	30.48(1.200)	33.0(1.300)
14	33.02(1.300)	35.6(1.400)
15	35.56(1.400)	38.1(1.500)
16	38.10(1.500)	40.6(1.600)
17	40.64(1.600)	43.2(1.700)
18	43.18(1.700)	45.7(1.800)
19	45.72(1.800)	48.3(1.900)
20	48.26(1.900)	50.8(2.000)

Recommended P.C. Board Layout

Halogen-Free

RoHS Compliant

④					DATE	UNIT: mm / inch	TITLE: 2.54MM(.100") LOW PROFILE STRAIGHT HEADERS	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.
③				DRAWN BY: Enya	7/16-13'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	
②	Enya	7/15-13'	ECNT113012	ENGINEER: Easley	7/23-13'	.X ± 0.30/.012 X' ± 1'	FINISH:	
①	Tim	7/07-10'	ECN10243	CHECKED BY: Easley	7/23-13'	.XX ± 0.20/.008 X' ±		
SYM	NAME	DATE	REVISIONS	APPROVED BY: David	7/23-13'	.XXX ± 0.10/.004 .XX' ±		DRAWING NO. CI3166SB PART NO. CI31**P1VOL-NH SCALE 2 / 1 SHEET 1 OF 1

Ordering Code:

$\frac{CI31}{①}$ $\frac{**}{②}$ $\frac{P}{③}$ $\frac{*}{④}$ $\frac{V}{⑤}$ $\frac{3}{⑥}$ $\frac{L}{⑦}$

Material:

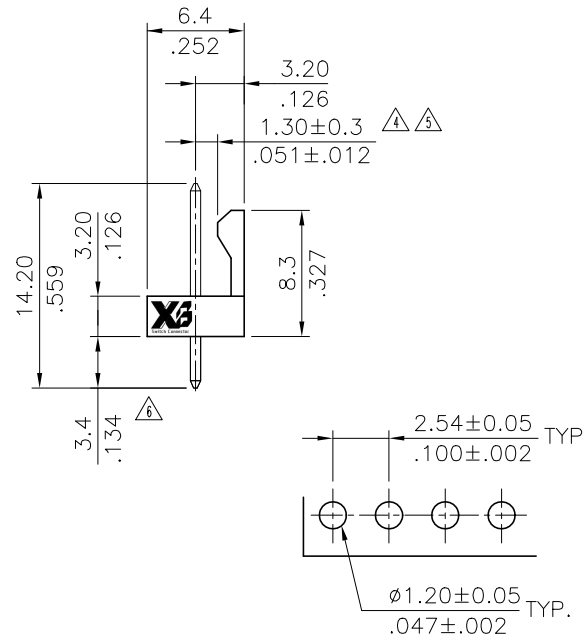
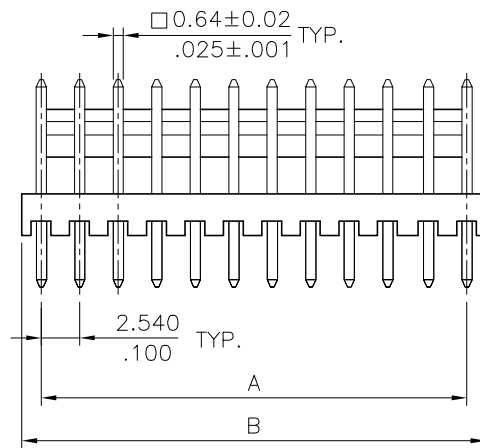
* Insulation: Nylon 66 UL 94V-0

* Contact: Brass

- ① Series No.
- ② No. of Circuits
- ③ Contact type: P= Pin header
- ④ Plating option:

1= 3.05 μ m(120 μ "") Min. Tin
 over 0.76 μ m(30 μ "") Nickel
 2= Gold flash plated over
 1.27 μ m(50 μ "") Nickel

- ⑤ Tail Style: V= Straight
- ⑥ Color: 0= White ; 3= Red
- ⑦ Option: L= Low Profile Type



△

Circuits	Dimension	
	A	B
2	2.54±0.2(.100±.008)	5.10±0.15(.201±.006)
3	5.08±0.2(.200±.008)	7.68±0.15(.3032%P.006)
4	7.62±0.2(.300±.008)	10.24±0.15(.403±.006)
5	10.16±0.2(.400±.008)	12.78±0.15(.503±.006)
6	12.70±0.3(.500±.012)	15.24±0.3(.600±.012)
7	15.24±0.3(.600±.012)	17.88±0.3(.704±.012)
8	17.78±0.3(.700±.012)	20.44±0.3(.805±.012)
9	20.32±0.4(.800±.016)	23.00±0.4(.906±.016)
10	22.86±0.4(.900±.016)	25.54±0.4(1.006±.016)
11	25.40±0.4(1.000±.016)	28.10±0.4(1.106±.016)
12	27.94±0.4(1.100±.016)	30.64±0.4(1.206±.016)
13	30.48±0.4(1.200±.016)	33.20±0.4(1.307±.016)
14	33.02±0.4(1.300±.016)	35.74±0.4(1.407±.016)
15	35.56±0.4(1.400±.016)	38.30±0.4(1.508±.016)
16	38.10±0.4(1.500±.016)	40.84±0.4(1.608±.016)
17	40.64±0.4(1.600±.016)	43.40±0.4(1.708±.016)
18	43.18±0.4(1.700±.016)	45.94±0.4(1.809±.016)
19	45.72±0.4(1.800±.016)	45.50±0.4(1.909±.016)
20	48.26±0.4(1.900±.016)	51.05±0.4(2.010±.016)

Recommended P.C. Board Layout

RoHS Compliant

SYM	NAME	DATE	REVISIONS	APPROVED BY:	DATE	UNIT: mm / inch	TITLE: 2.54MM(.100") LOW PROFILE STRAIGHT HEADERS	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.				
△6	Karen	9/10-10'	ECR10116-0/ECN10308					MATERIAL:	DRAWING NO. CI3109SH	PART NO. CI31**P*V*L	SCALE 2 / 1	SHEET 1 OF 1
△5	Sun	3/16-10'	ECR10025-0/ECN10068	DRAWN BY: Karen	9/10-10'	TOLERANCE UNLESS OTHERWISE SPECIFIED						
△4	Karen	2/06-09'	ECN09046	ENGINEER: Clark	9/17-10'	.X ± 0.30/.012 X' ± 1'						
△3	Karen	10/24/08	ECN08545/ECR08084-0	CHECKED BY: Eisley	9/20-10'	.XX ± 0.20/.008 .X' ±						
				APPROVED BY: David	9/20-10'	.XXX ± 0.10/.004 .XX' ±						
CUSTOMER: F5D013												