

# Ordering Code:

CI31 \*\* P 1 Y 00 - NH  
 ① ② ③ ④ ⑤ ⑥ ⑦

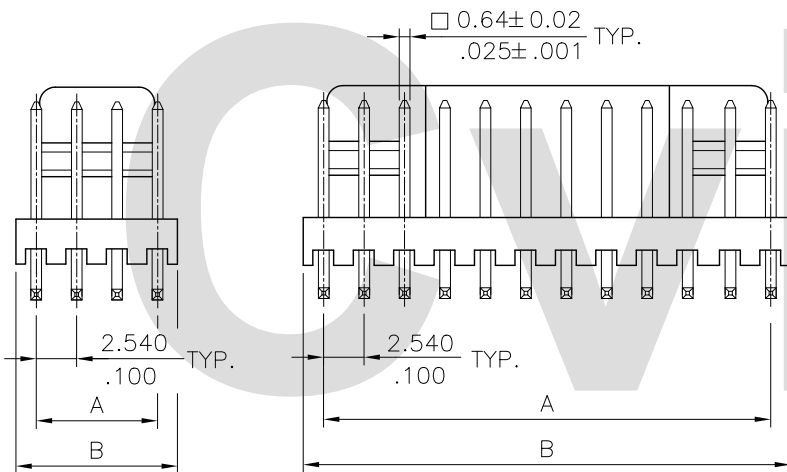
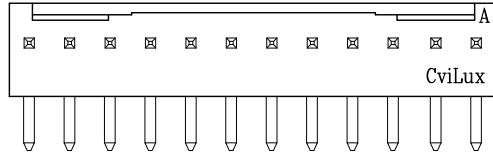
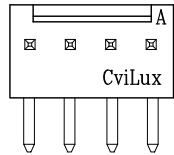
Material:

- \* Insulation: High temperature plastic UL 94V-0
- \* Contact: Brass

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

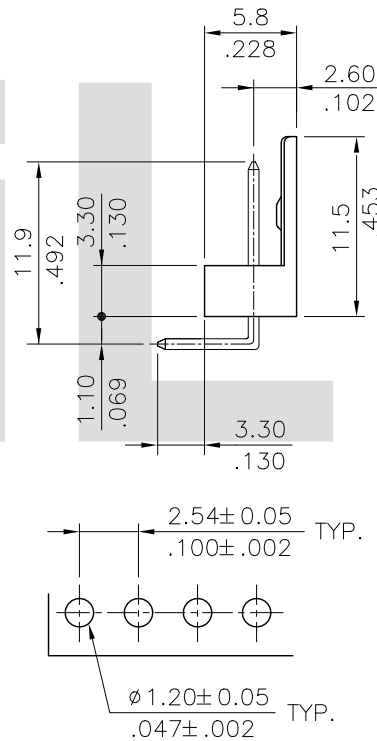
- ⑤ Tail Style: Y= Reverse Base
- ⑥ Option: 00= Standard
- ⑦ NH= Halogen-Free

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



(2 through 5 circuits)

(6 through 20 circuits)



| Circuits | Dimension             |                       |
|----------|-----------------------|-----------------------|
|          | A                     | B                     |
| 2        | 2.54±0.2(.100±.008)   | 5.08±0.2(.200±.008)   |
| 3        | 5.08±0.2(.200±.008)   | 7.62±0.2(.300±.008)   |
| 4        | 7.62±0.2(.300±.008)   | 10.16±0.2(.400±.008)  |
| 5        | 10.16±0.3(.400±.012)  | 12.70±0.3(.500±.012)  |
| 6        | 12.70±0.3(.500±.012)  | 15.24±0.3(.600±.012)  |
| 7        | 15.24±0.3(.600±.012)  | 17.78±0.3(.700±.012)  |
| 8        | 17.78±0.3(.700±.012)  | 20.32±0.4(.800±.016)  |
| 9        | 20.32±0.4(.800±.016)  | 22.86±0.4(.900±.016)  |
| 10       | 22.86±0.4(.900±.016)  | 25.40±0.4(1.000±.016) |
| 11       | 25.40±0.4(1.000±.016) | 27.94±0.4(1.100±.016) |
| 12       | 27.94±0.4(1.100±.016) | 30.48±0.4(1.200±.016) |
| 13       | 30.48±0.4(1.200±.016) | 33.02±0.4(1.300±.016) |
| 14       | 33.02±0.4(1.300±.016) | 35.56±0.4(1.400±.016) |
| 15       | 35.56±0.4(1.400±.016) | 38.10±0.4(1.500±.016) |
| 16       | 38.10±0.4(1.500±.016) | 40.64±0.4(1.600±.016) |
| 17       | 40.64±0.4(1.600±.016) | 43.18±0.4(1.700±.016) |
| 18       | 43.18±0.4(1.700±.016) | 45.72±0.4(1.800±.016) |
| 19       | 45.72±0.4(1.800±.016) | 48.26±0.4(1.900±.016) |
| 20       | 48.26±0.4(1.900±.016) | 50.80±0.4(2.000±.016) |

## Recommended P.C. Board Layout

Halogen-Free

RoHS Compliant

|     |      |          |            |  |  |                    |                                      |                             |                                |
|-----|------|----------|------------|--|--|--------------------|--------------------------------------|-----------------------------|--------------------------------|
| ④   |      |          |            |  |  | DATE               | UNIT: mm / inch                      | TITLE: 2.54MM(.100")        | 瀚荃股份有限公司<br>CviLux Corporation |
| ③   |      |          |            |  |  | DRAWN BY: Enya     | TOLERANCE UNLESS OTHERWISE SPECIFIED | REVERSE RIGHT ANGLE HEADERS |                                |
| ②   |      |          |            |  |  | ENGINEER: Easley   | .X ± 0.30/.012 X' ± 1'               | MATERIAL:                   |                                |
| ①   | Enya | 7/15-13' | ECNT113012 |  |  | CHECKED BY: Easley | .XX ± 0.20/.008 X' ±                 | FINISH:                     |                                |
| SYM | NAME | DATE     | REVISIONS  |  |  | APPROVED BY: David | .XXX ± 0.10/.004 .XX' ±              |                             | DRAWING NO. CI3175SB           |
|     |      |          |            |  |  |                    |                                      |                             | PART NO. CI31**P1Y00-NH        |
|     |      |          |            |  |  |                    |                                      |                             | SCALE 2 / 1                    |
|     |      |          |            |  |  |                    |                                      |                             | SHEET 1 OF 1                   |

