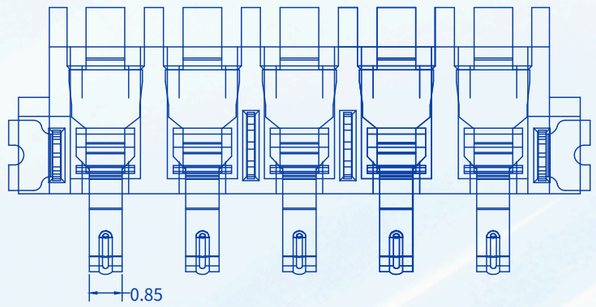
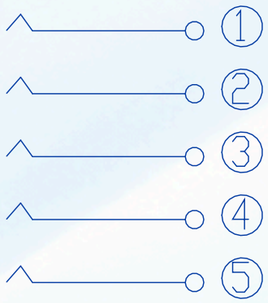
RoHS Compliant

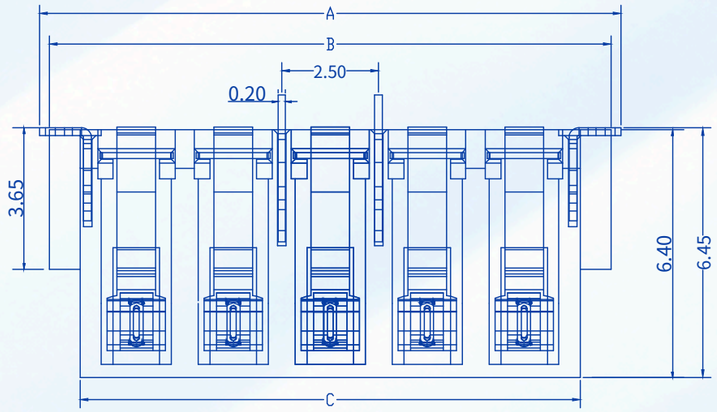
## REVISION HISTORY

| REV. | DESCRIPTION | DRAWN BY | CHECKED BY | APPROVED BY |
|---|---|---|---|---|
| A0 | INITIAL RELEASE | KANGSHENG | | |

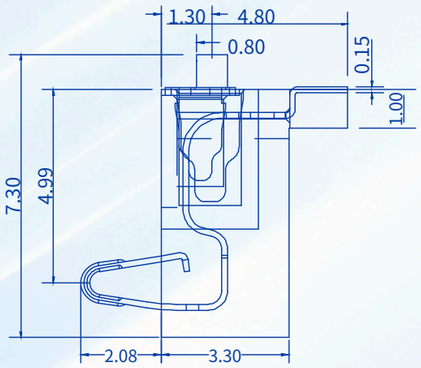


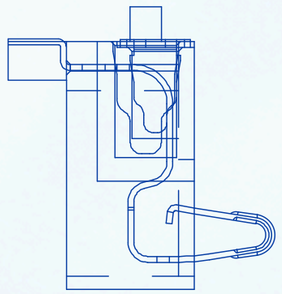



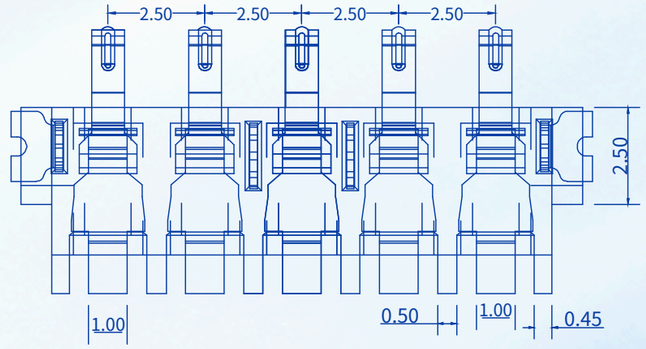

CIRCUIT



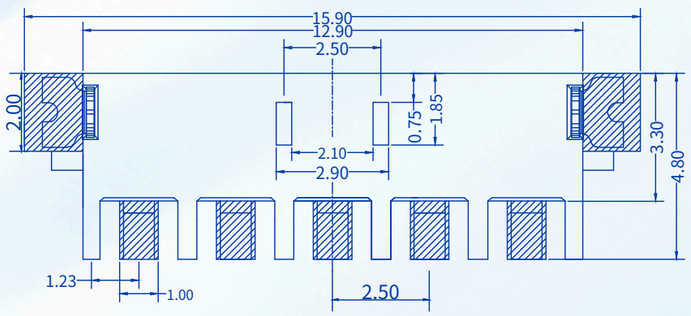

| Dimension | | | | |
|---|---|---|---|---|
| PART No. | PIN | A | B | C |
| CL-038-5P | 5P | 15.3 | 14.5 | 12.9 |
| CL-038-3P | 3P | 10.3 | 9.5 | 7.9 |



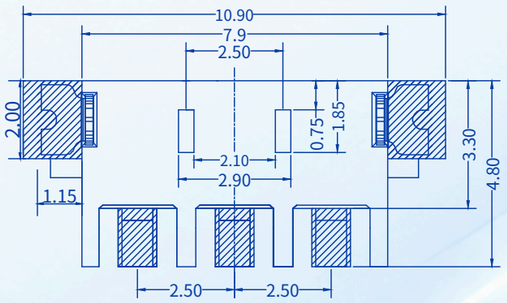






| MATERIAL / SPECIFICATION | |
|---|---|
| Rated Current | 2.0 A |
| Rated Voltage | 12 V |
| Withstand Voltage | 500 V |
| Contact Resistance | 50 mΩ max. |
| Insulation Resistance | 100 MΩ min. |
| Operating Temperature | -40°C ~ +85°C |
| Housing Material | LCP |
| Contact Material | Phosphor bronze; Gold plated |
| BOM: Peg | BRASS; Qty 1; Sn PLATED |
| BOM: Housing | LCP; Qty 1; BLACK |
| BOM: Terminal | C5210; Qty X; Au PLATED |




PCB LAYOUT (5pin)




PCB LAYOUT (3pin)

| GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED) | |
|---|---|
| Up to 5 | ±0.2 |
| Above 5 ~ 30 | ±0.3 |
| Above 30 | ±0.5 |
| Angle | ±3° |
| Angle 0° | ±3° |

PROJECTION

THIRD ANGLE PROJECTION

| | |
|---|---|
| DRAWN BY | KANGSHENG |
| CHECKED BY | |
| APPROVED BY | |

深圳市康生电子科技有限公司
Shenzhen Kangsheng Electronic Technology Co., Ltd.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT NAME | 2.5 mm Pitch 6.4 mm Height SMT Spring Contact Battery Connector (3 Pin) | | | | | | | |
| PART NO. | KS-BC250-03S-640 | | | | | REV. | A0 | |
| SCALE | NTS | UNIT | mm | SIZE | A3 | SHEET | 1/1 | |