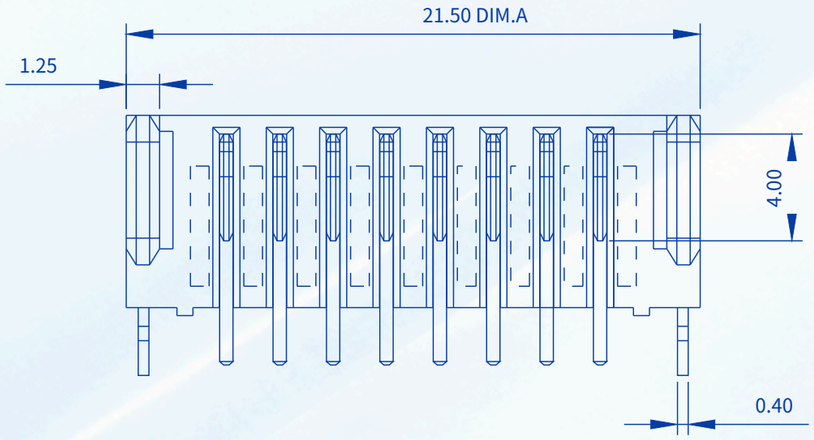
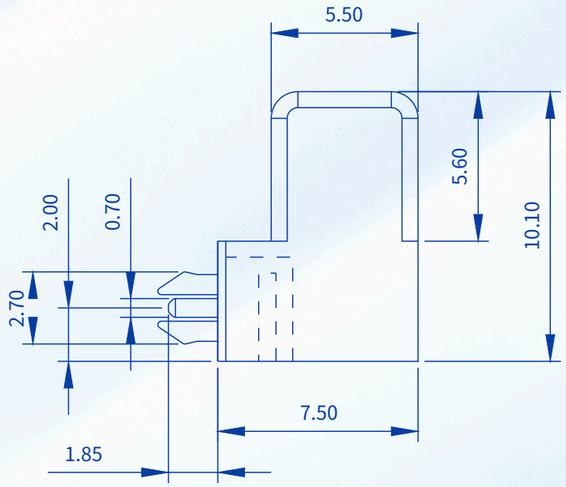
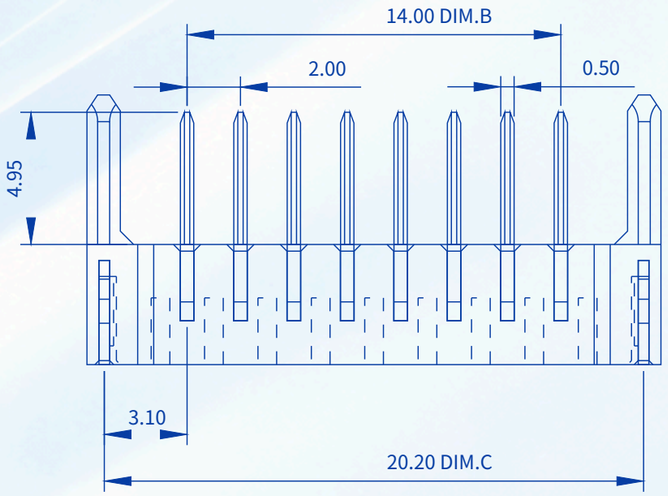
RoHS Compliant

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




| MATERIAL / SPECIFICATION | |
|---|---|
| Housing (Note) | LCP, UL94V-0 |
| Terminal (Note) | C2680/EH |
| BOM: Housing | NYLON LCP; Qty 1; Black |
| BOM: Contact Terminal | Phosphor Bronze; Qty 9; Au Plated |
| Nickel Underplate | 50 µin min. overall |
| Contact / Solder Finish | Au on contact; or Tin on solder area |
| Current Rating | 5 A |
| Voltage Rating | 30 V AC |
| Dielectric Withstanding | 500 V AC |
| Insulation Resistance | 100 MΩ min. |
| Contact Resistance | 30 mΩ max. |
| Operating Temperature | -40° to +105° |





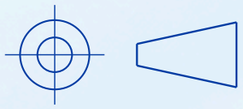


Recommended P.C.B Layout

| DIMENSION | | | |
|---|---|---|---|
| No. of Pins | DIM.A | DIM.B | DIM.C |
| 03 | 11.50 | 4.00 | 10.20 |
| 04 | 13.50 | 6.00 | 12.20 |
| 05 | 15.50 | 8.00 | 14.20 |
| 06 | 17.50 | 10.00 | 16.20 |
| 07 | 19.50 | 12.00 | 18.20 |
| 08 | 21.50 | 14.00 | 20.20 |
| 09 | 23.50 | 16.00 | 22.20 |
| 10 | 25.50 | 18.00 | 24.20 |
| 11 | 27.50 | 20.00 | 26.20 |
| 12 | 29.50 | 22.00 | 28.20 |
| 13 | 31.50 | 24.00 | 30.20 |
| 14 | 33.50 | 26.00 | 32.20 |
| 15 | 35.50 | 28.00 | 34.20 |
| 16 | 37.50 | 30.00 | 36.20 |

| GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED) | |
|---|---|
| UP TO 5 | ±0.2 |
| ABOVE 5 TO 30 | ±0.3 |
| ABOVE 30 | ±0.5 |
| ANGULAR | ±3° |
| ANGLE (TITLE BLOCK) | 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 | Large 2 mm Pitch 10.1 mm Height Right-Angle Through-Hole Male Blade Battery Connector (3–16 Pin) | | | | | | | |
| PART NO. | KS-BL200-08M-RD1010-NN | | | | | | REV. | A0 |
| SCALE | NTS | UNIT | mm | SIZE | A3 | SHEET | 1/1 | |