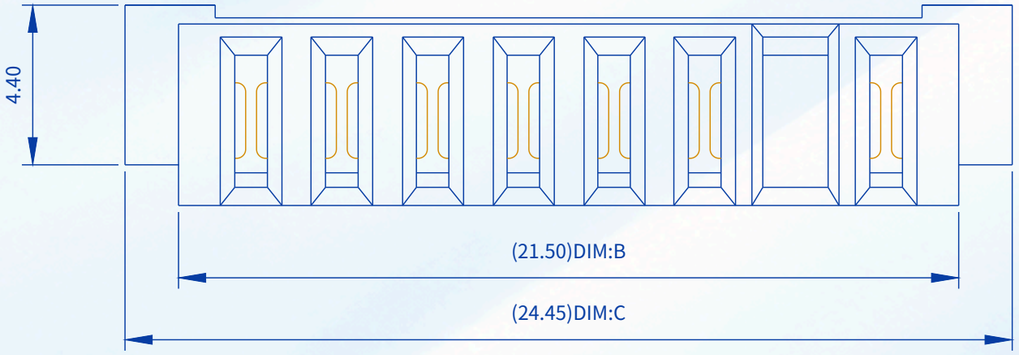
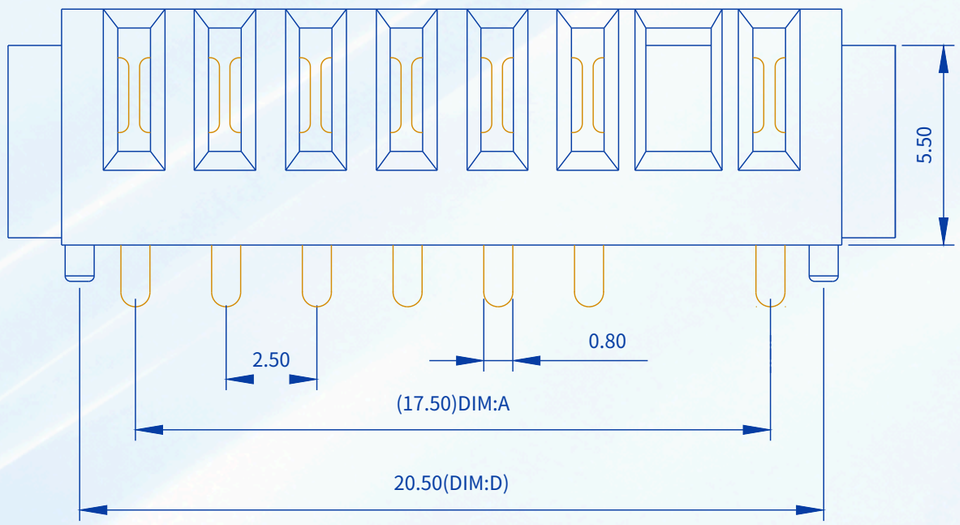
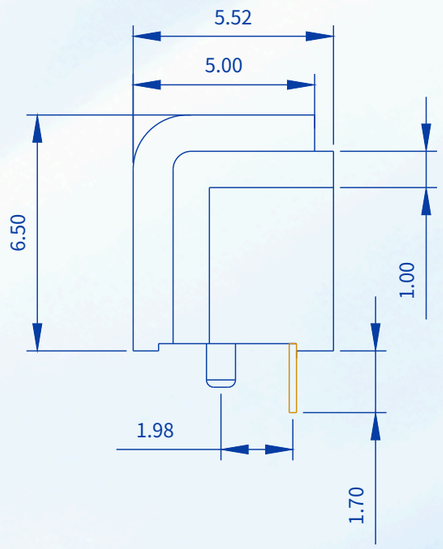
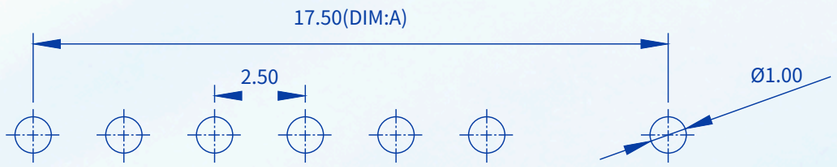
RoHS Compliant




Recommended P.C.B Layout

Layout Tolerance=+/-0.05mm

## REVISION HISTORY

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

| Dimension | | | | |
|---|---|---|---|---|
| No:of pins | DIM.A | DIM.B | DIM.C | DIM:D |
| 03 | 7.50 | 11.50 | 14.45 | 10.50 |
| 04 | 10.00 | 14.00 | 16.95 | 13.00 |
| 05 | 12.50 | 16.50 | 19.45 | 15.50 |
| 06 | 15.00 | 19.00 | 21.95 | 18.00 |
| 07 | 17.50 | 21.50 | 24.45 | 20.50 |
| 08 | 20.00 | 24.00 | 26.95 | 23.00 |
| 09 | 22.50 | 26.50 | 29.45 | 25.50 |
| 10 | 25.00 | 29.00 | 31.95 | 28.00 |

| MATERIAL / SPECIFICATION | |
|---|---|
| Insulator | Nylon 9T(UL94V-0) |
| Contact | Phosphor Bronze |
| Contact Plated | Gold over Nickel or Tin |
| Current Rating | 7A |
| Instant Current | 10A |
| Contact Resistance | 30 mΩ |
| Insulation Resistance | 100 MΩ |
| Dielectric Voltage | 500V |
| Operating Temperature | -40°~105° |

| GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED) | |
|---|---|
| X. | ±0.50 |
| X.x | ±0.30 |
| X.xx | ±0.20 |
| ANGULAR | ±2° |

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 5.5 mm Height Vertical Through-Hole Female Blade Battery Connector (3–10 Pin) Keyed With Locating Post | | | | | | |
| PART NO. | KS-BL250-07F-VD550PK-NN-11 | | | | | REV. | A0 |
| SCALE | NTS | UNIT | mm | SIZE | A3 | SHEET | 1/1 |