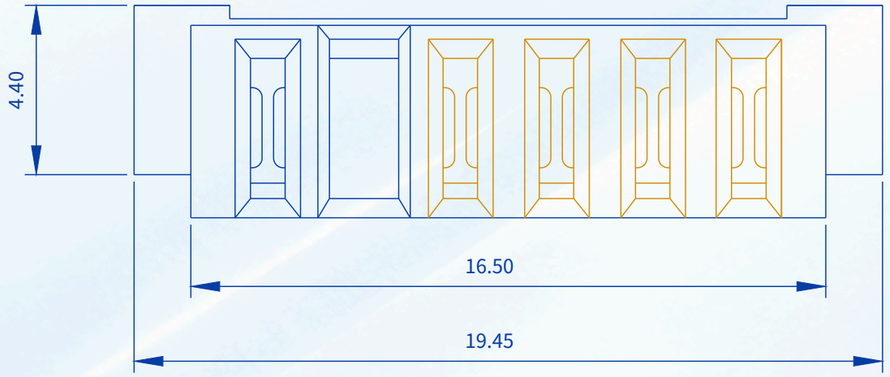
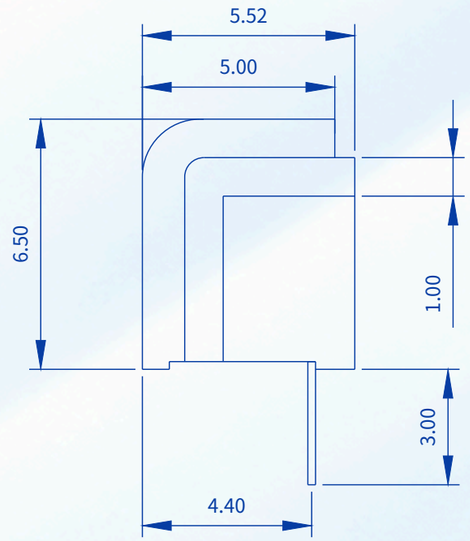
RoHS Compliant

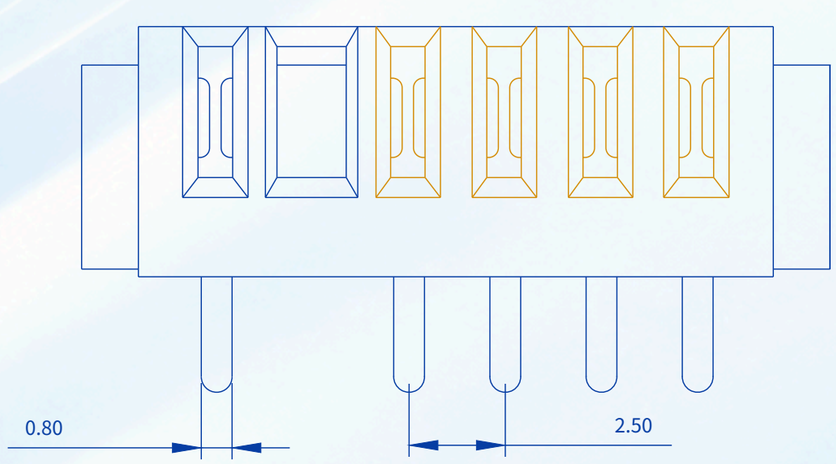
REVISION HISTORY

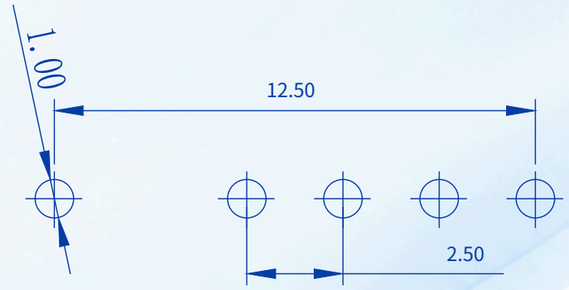
| REV. | DESCRIPTION | DRAWN BY | CHECKED BY | APPROVED BY |
|---|---|---|---|---|
| A0 | INITIAL RELEASE | KANGSHENG | | |




| 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° |
| BOM: Housing | NYLON 9T; Qty 1; BLACK |
| BOM: Contact Terminal | PHOSPHOR BRONZE; Qty 9; Au PLATED |



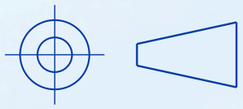




Recommended P.C.B Layout

Layout Tolerance=+/-0.05mm

| GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED) | |
|---|---|
| UP TO 5 | ±0.2 |
| ABOVE 5 ⩽30 | ±0.3 |
| ABOVE 30 | ±0.5 |
| ANGLE | ±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 6.5 mm Height Vertical Through-Hole Female Blade Battery Connector (5 Pin) Keyed | | | | | | |
| PART NO. | KS-BL250-05F-VD650K | | | | | REV. | A0 |
| SCALE | NTS | UNIT | mm | SIZE | A3 | SHEET | 1/1 |