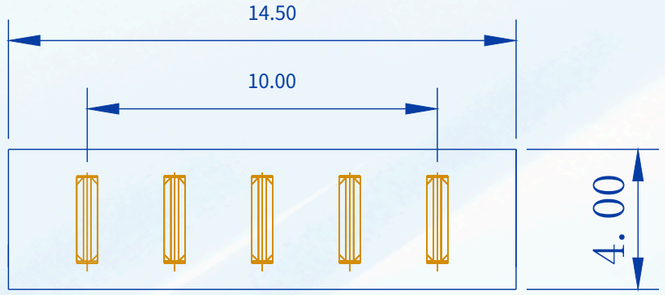
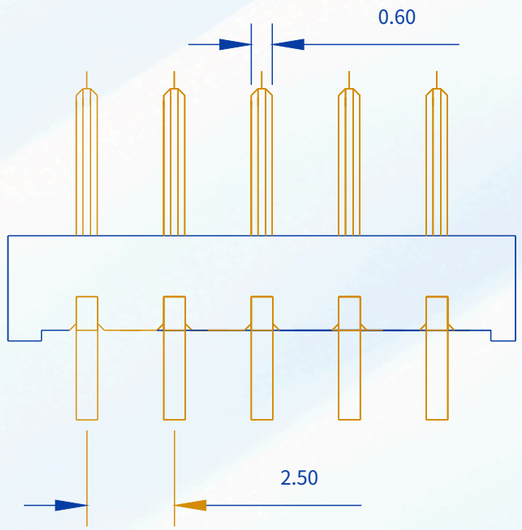
RoHS Compliant

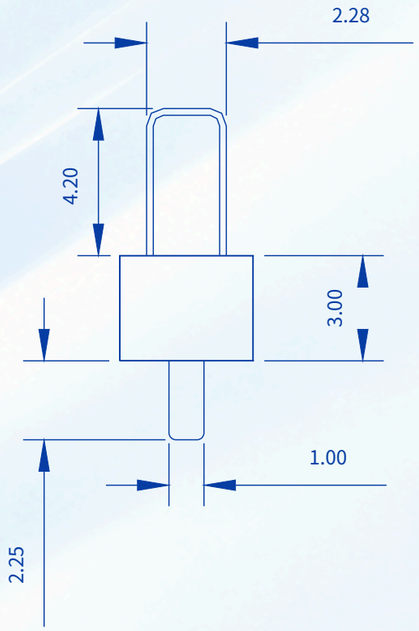
## REVISION HISTORY

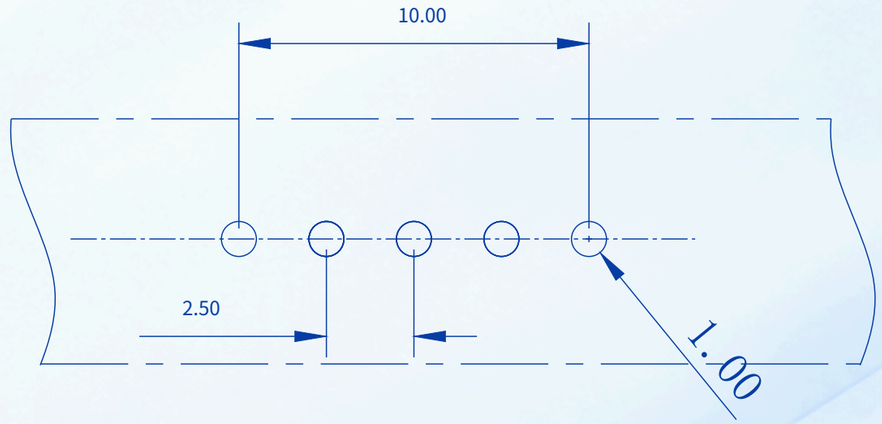
| REV. | DESCRIPTION | DRAWN BY | CHECKED BY | APPROVED BY |
|---|---|---|---|---|
| A0 | INITIAL RELEASE | KANGSHENG | | |




| MATERIAL / SPECIFICATION | |
|---|---|
| Housing | PA9T, UL 94V-0 |
| Terminal | C2680 |
| Terminal Finish | NICKEL 50 u"MIN UNDER PLATED OVERALL, Au PLATED ON THE CONTACT AREA. OR Tin ON THE SOLDERING AREA. |
| Current Rating | 5A |
| Voltage Rating | 30V AC |
| Dielectric Withstanding Voltage | 500VAC |
| Insulation Resistance | 100 MΩ min. |
| Contact Resistance | 30 mΩ Max. |
| Operating Temperature | -40°~105° |




## RECOMMENDED PCB LAYOUT

T=1.2MM,TOLERANCES±0.05MM

| GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED) | |
|---|---|
| X. | ±0.5 |
| X.x | ±0.35 |
| X.xx | ±0.25 |
| 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 3 mm Height Vertical Through-Hole Male Blade Battery Connector (5 Pin) | | | | | | |
| PART NO. | KS-BL250-05M-VD300 | | | | | REV. | A0 |
| SCALE | NTS | UNIT | mm | SIZE | A3 | SHEET | 1/1 |