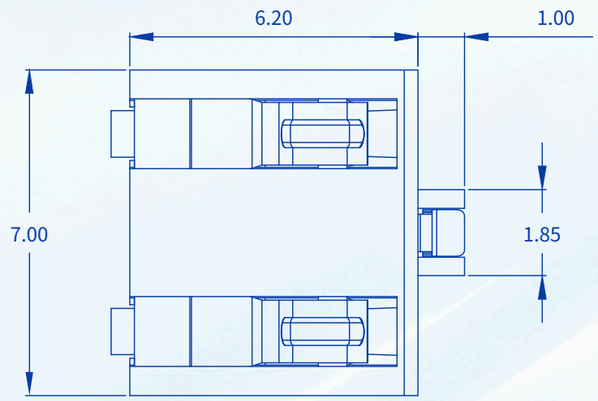
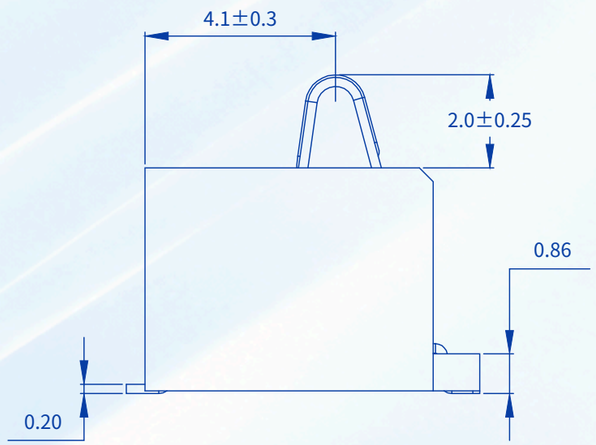
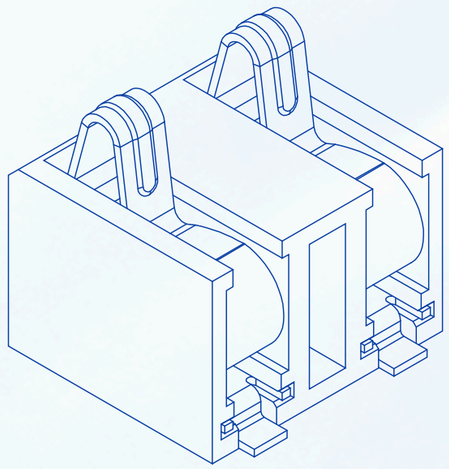
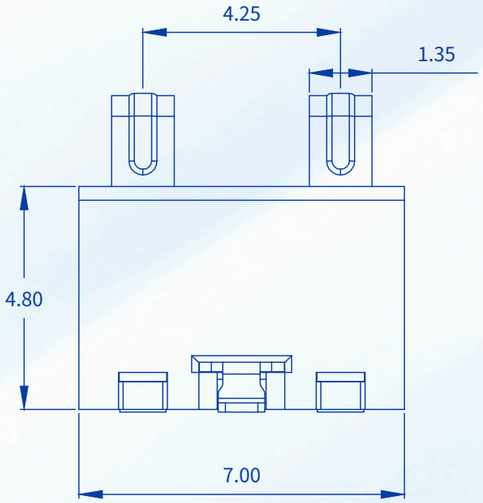
RoHS Compliant

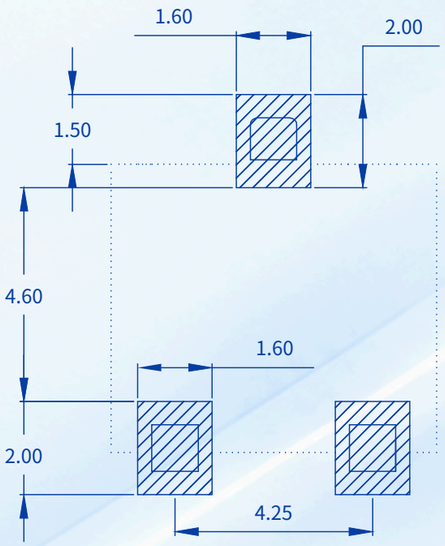
| REVISION HISTORY | | | | |
|---|---|---|---|---|
| REV. | DESCRIPTION | DRAWN BY | CHECKED BY | APPROVED BY |
| A0 | INITIAL RELEASE | KANGSHENG | | |



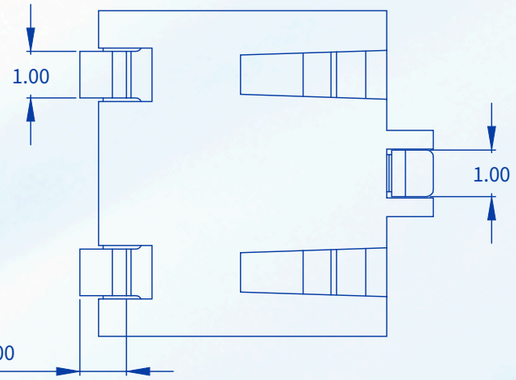






RECOMMENDED PCB LAYOUT

TOP VIEW




| MATERIAL / SPECIFICATION | |
|---|---|
| Current rating | 3.0 A |
| Voltage rating | 12 V |
| Dielectric withstand | 500 V |
| Contact resistance | 30mΩ |
| Insulation resistance | 500MΩ |
| Operating temperature | −40°C ~ +105°C |
| Housing material | LCP, black |
| Contact material | Phosphor bronze |
| Contact area plating | Gold 30 µin |

| GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED) | |
|---|---|
| X. | ±0.35 |
| X.X | ±0.25 |
| X.XX | ±0.15 |
| X.XXX | ±0.05 |
| PCB .XX | ±0.05 |

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 | 4.25 mm Pitch 4.8 mm Height SMT Spring Contact Battery Connector (2 Pin) No Locating Post Top-Contact | | | | | | |
| PART NO. | KS-BC425-02T-480 | | | | | REV. | A0 |
| SCALE | NTS | UNIT | mm | SIZE | A3 | SHEET | 1/1 |