

RoHS

Specification:

1.Electrical Characteristics:

Contact Current Rating: 3 Amperes Max.

Rated Voltage: 20V Max.

Dielectric Withstanding Voltage: AC 100V r.m.s.

Insulation Resistance: 100 MΩ Minimum.

Contact Resistance: 40 mΩ Maximum.

2.Environmental:

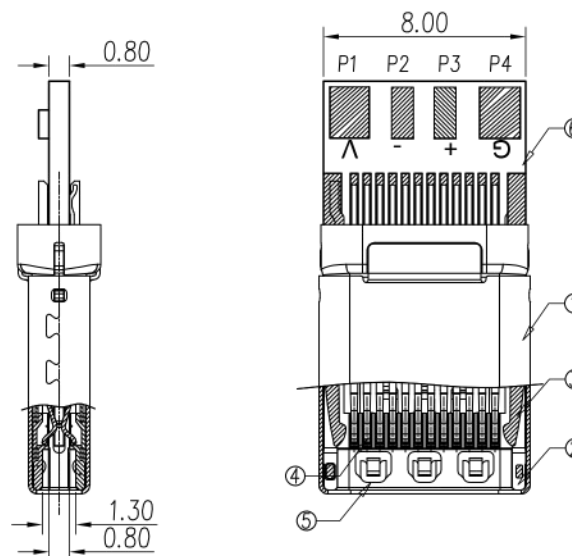
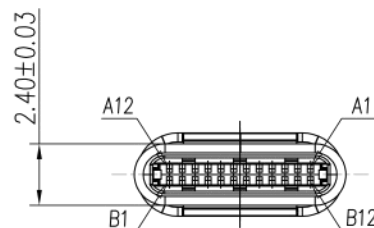
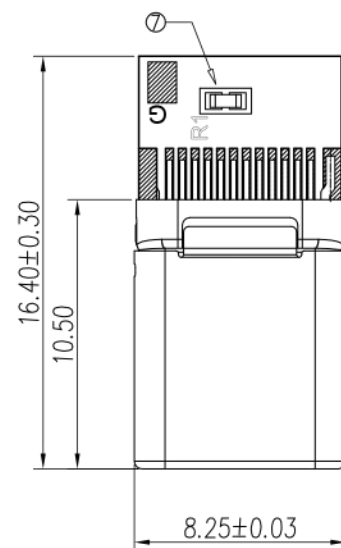
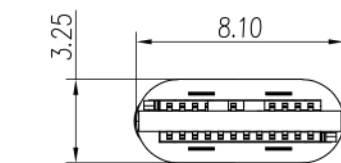
Operating Temperature: -40°C~+85°C.

3.Mechanical Characteristics:

Insertion Force: 5~20Nf.

Withdrawal Force: 8~20Nf.

Durability Cycles: 10,000 Cycles.



|     |     |     |      |       |    |    |      |      |     |     |     |
|-----|-----|-----|------|-------|----|----|------|------|-----|-----|-----|
| A12 | A11 | A10 | A9   | A8    | A7 | A6 | A5   | A4   | A3  | A2  | A1  |
| GND |     |     | VBUS | SBU1  | D- | D+ | CC   | VBUS |     |     | GND |
| GND |     |     | VBUS | Vconn |    |    | SBU2 | VBUS |     |     | GND |
| B1  | B2  | B3  | B4   | B5    | B6 | B7 | B8   | B9   | B10 | B11 | B12 |

|    |             |    |                     |
|----|-------------|----|---------------------|
| P1 | A4,A9,B4,B9 | P4 | A1,A12,B1,B12,Shell |
| P2 | A7          | P5 | A1,A12,B1,B12,Shell |
| P3 | A6          | R1 | 56KΩ                |
|    |             |    |                     |

|                   |       |      |        |
|-------------------|-------|------|--------|
| UNITS             | SCALE | REV. | SHEET  |
| mm                | 1:1   | B3   | 1 OF 1 |
|                   |       |      |        |
| DATE              |       |      |        |
| DR.               |       |      |        |
| CHK.              |       |      |        |
| APPD.             |       |      |        |
| GENERAL TOLERANCE |       |      |        |
| X. ±0.30          |       |      |        |
| X.X ±0.25         |       |      |        |
| X.XX ±0.15        |       |      |        |
| X.XXX ±0.10       |       |      |        |
| X.X' ±3°          |       |      |        |
| X.XX' ±1°         |       |      |        |

|     |            |                                    |
|-----|------------|------------------------------------|
| 7   | R1         | 56KΩ                               |
| 6   | P.C.B      | FR4                                |
| 5   | EMC SPRING | Stainless Steel; SUS201, T=0.10mm; |
| 4   | CONTACT    | Copper Alloy; AuNiSn; Au: 1u"      |
| 3   | LATCH      | SUS304, T=0.35mm; Sn 80u"          |
| 2   | HOUSING    | LCP Thermoplastic, UL94V-0;        |
| 1   | SHELL      | SUS304, T=0.15mm; NI 50u"          |
| NO. | NAME       | DESCRIPTION                        |

Shenzhen Jiatel Hardware Electronics Co.,Ltd