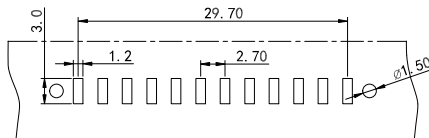
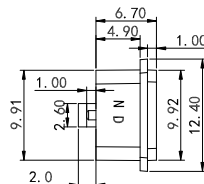
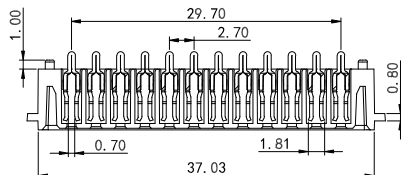
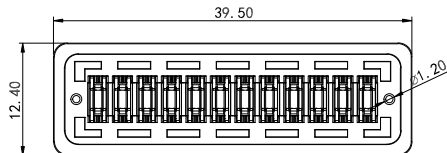
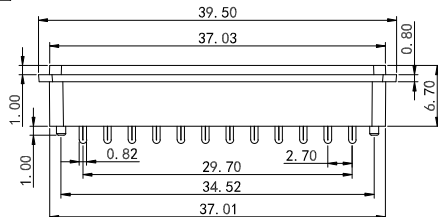


RoHS  
Compliant



RECOMMENDED PCB LAYOUT  
T=0.65MM, TOLERANCES ±0.05MM

NOTE:

Material

Insulator: LCP

Contact: C7521

Contact Plated: Gold over Nickel or Tin

Specification

Current Rating: 12A

Instant Current: 15A

Rated Voltage: 12V

Contact Resistance: 30mΩ

Insulation Resistance: 100MΩ

Dielectric Voltage: 500V

Operating Temperature: -40° ~105°

|   |                  |          |      |           |
|---|------------------|----------|------|-----------|
| 2 | HOUSING          | LCP      | 1    | GRAY      |
| 1 | CONTACT TERMINAL | C7521    | 12   | Au PLATED |
|   | NO. PARTS        | MATERIAL | QTY. | FINISHING |

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|           |             |          |             |          |            |
|-----------|-------------|----------|-------------|----------|------------|
| PART NAME | CONNECTOR   | DRAWING  | Y. C. Zhang | DWG. No. |            |
| PART NO.  | B31F-12P-S1 | CHECK    | G. C. Chen  | REV.     | A1         |
| UNIT      | TOLERANCE   | APPROVAL |             | DATE     | 24-11-2020 |
| mm        | OTHERWISE   | SCALE    | 2:1         | PAGE     | 1 OF 1     |