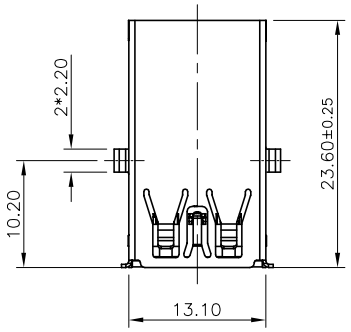
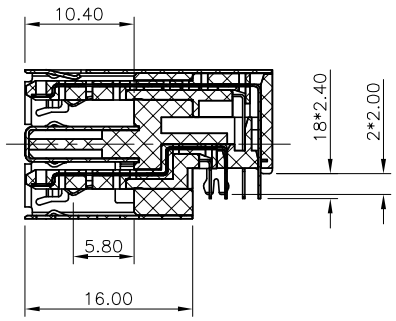
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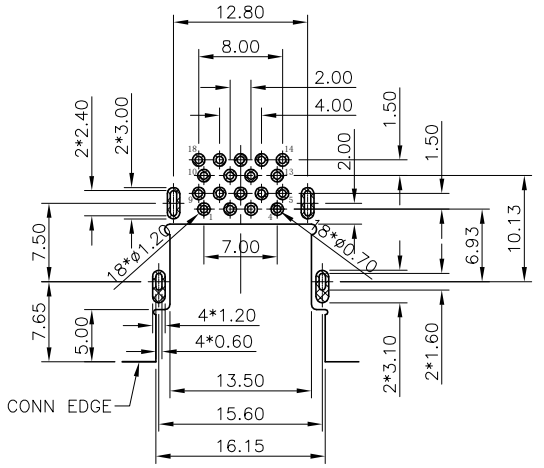
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV. | ECN NO. | LOCATION | DESCRIPTION | DATE | DESIGN |
| A0 | N/A0 | | INITIAL RELEASE | | |
| | | | | | |

| Pin Number | Signal Name |
|---|---|
| 1/10 | VBUS |
| 2/11 | D− |
| 3/12 | D+ |
| 4/13 | GND |
| 5/14 | SSRX− |
| 6/15 | SSRX+ |
| 7/16 | GND |
| 8/17 | SSTX− |
| 9/18 | SSTX+ |
| Shell | Shield |

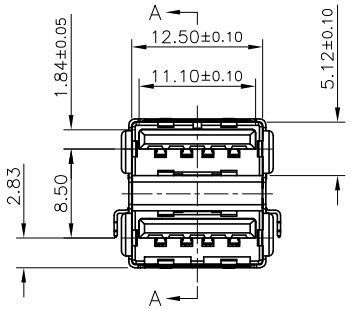


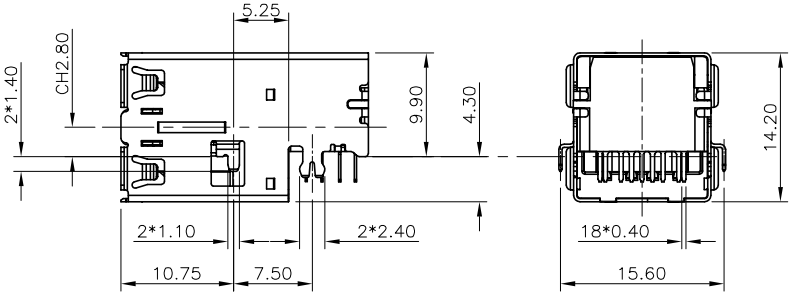



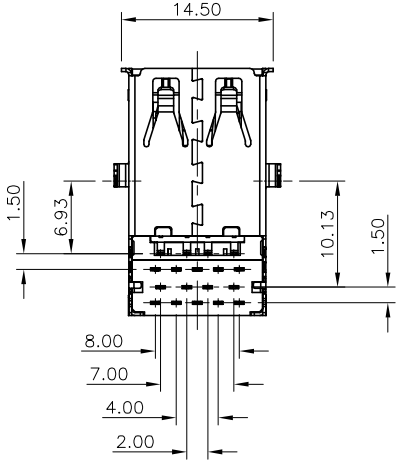

SECTION A–A

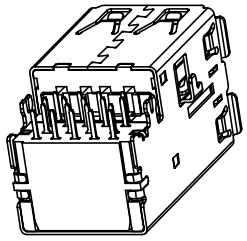



RECOMMENDED P.C.B LAYOUT
TOLERANCE:± 0.05



3D VIEW

REMARK:
1.MATERIAL:
- 1.1 HOUSING: LCP+30%G.F UL94V−0, COLOR:BLUE/BLACK; COVER: LCP+30%G.F UL94V−0,COLOR:BLACK;
- 1.2 CONTACT 3.0: C5210,GOLD PLATING ALL OVER; 50U" MIN NICKEL AND 50U"MIN TIN ON SOLDER AREA;
- 1.3 CONTACT 2.0: C5210,GOLD PLATING ALL OVER; 50U" MIN NICKEL AND 50U"MIN TIN ON SOLDER AREA;
- 1.4 FRONT SHELL: SUS201, 50U" MIN. NICKEL PLATING;
- 1.5 REAR SHELL: SUS201 CLEAN;
- 1.6 MIDDLE SHELL: SUS201 CLEAN;

2.ELECTRICAL CHARACTERISTICS:
- 2.1 CONTACTRESISTANCE: 30mΩ MAX;
- 2.2 CONTACT CURRENT RATING: 1.8A FOR VBUS AND GND, AND 0.25A FOR ALL OTHER CONTACTS;
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500V R.M.S;
- 2.4 INSULATION RESISTANCE: 100MΩ MIN;
- 2.5 OPERATING TEMPEROTURE: −40°C ~ 85°C;

3.MECHANICAL CHARACTERISTICS:
- 3.1 MATING FORCE: 35N MAX;
- 3.2 UNMATED FORCE: 10N MIN INITIAL;8N MIN AFTER TEST;
- 3.3 DURABILITY: 5,000 CYCLES;

4.THE TEMPERATURE RESISTANCE OF THE MATERIAL: 260±5°C;
5.SOLDERING PROCESS: WAVE SOLDERING OR REFLOW SOLDERING.

PART NO.:

| ITEM | PART NO | COLOR |
|---|---|---|
| 1 | U3.1−1800T4.3−18P−108 | BLACK |
| 2 | U3.1−1800T4.3−18P−708 | BLUE |

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Unless Otherwise specified, Tolerance:
X. ±0.35
X.x ±0.25
X.xx ±0.20
X.xxx ±0.10
ANGLES ±3°
Tel:0769−82889209

Dongguan SaleXun Electronic Co.,Ltd.

| | | | | |
|---|---|---|---|---|
| DESIGN: | DATE: | TITLE: USB 3.1 (GEN2: 10GB) AF; rolled−edge double layer;CH2.80 Coma Cluster | | |
| CHECKED: | DATE: | | | |
| APPROVED: | DATE: | | | |
| PART NO.: SEE PART NO. | | REV.: A0 | SCALE: 1:1 | UNIT: mm |
| DRAWING NO.: C−U3.1−1800T4.3−18P−08 | | SIZE: A4 | SHEET: 1/1 | |

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