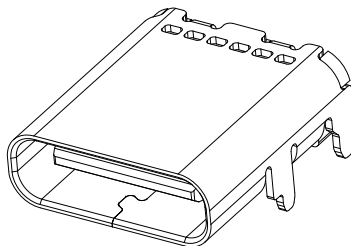
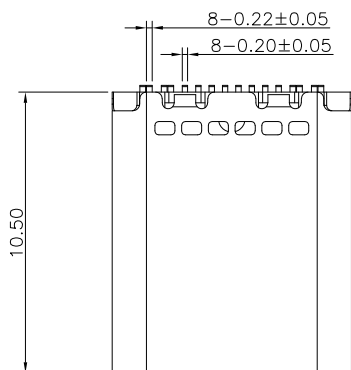


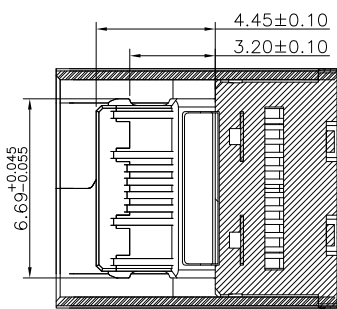
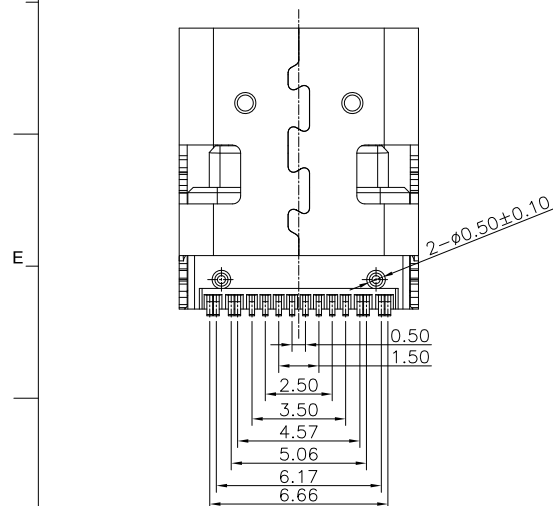
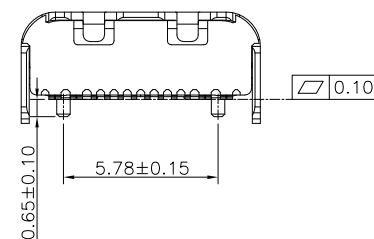
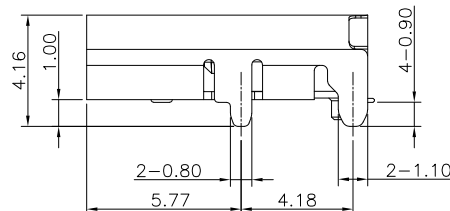
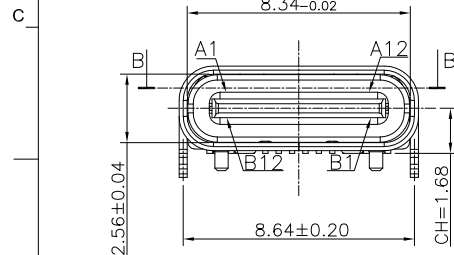


RoHS  
Compliant

| REV. | ZONE | DESCRIPTION      | DESIGN | DATE       |
|------|------|------------------|--------|------------|
| 01   | ---  | INITIAL RELEASED | ZXM    | 2025.06.09 |



- SPECIFICATION:
- ELECTRICAL:
    - CURRENT RATING:5A;
    - CONTACT RESISTANCE:40mΩ Max;
    - DIELECTRIC WITHSTANDING VOLTAGE:100V AC;
    - INSULATION RESISTANCE:100 MΩ MIN;
  - MECHANICAL:
    - MATING FORCE:5~20N;
    - UNMATING FORCE:8~20N;
    - DURABILITY:10000 CYCLES;6~20N AFTER DURABILITY TEST;
  - MATERIAL:
    - HOUSING: LCP UL94V-0 BLACK;
    - TERMINAL:C7025 T=0.15mm;
    - SHELL:SUS304 T=0.30mm;
    - MID PLATE:SUS304 T=0.15mm;
  - PLATING SPECIFICATION:
    - TERMINAL:CONTACT AREA GOLD PLATED 1u "MIN  
PIN WELDING AREA GOLD FLASH.
    - SHELL:PLATED Ni 50u" MIN.
    - MID PLATE:CLEAR ONLY
  - ELECTROPLATED PRODUCTS NEED TO UNDERGO TIN ADHESION TESTING: THE TIN ADHESION AREA SHOULD REACH OVER 95%.
  - SMT REFLOW SOLDERING (PEAK VALUE 260 °C ± 5 ° C) SHALL BE FREE OF BLISTERING, GLUE MELTING AND POOR COLOR CHANGE (DEFORMATION WITHIN TOLERANCE)
  - OPERATING TEMPERATURE: -40°C~+85°C



截面:B-B

|                                                                                                                                                                                                                                    |             |             |                                                       |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------------------------------------------------|--------------------------------|
| X. ±0.50                                                                                                                                                                                                                           | X.* ± 2°    | UNITS<br>mm | 广东创粤科技有限公司<br>Guangdong Chuangyue Technology Co.,Ltd. |                                |
| .X ±0.30                                                                                                                                                                                                                           | .X* ± 1°    | MAT'L<br>/  | TITLE:<br>TYPE C 16PIN板上单排 L=10.5MM无弹片                |                                |
| .XX ±0.20                                                                                                                                                                                                                          | .XX* ± 0.5° |             | PART NO.:<br>CY-001-CF0143                            |                                |
| .XXX ±0.10                                                                                                                                                                                                                         |             | FINISH<br>/ | CHKD:<br>CZJ                                          |                                |
| THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SHENZHEN CHUANGYUE TECHNOLOGY CO.,LTD. AND SHALL NOT BE REPRODUCED COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF GUANGDONG CHUANGYUE TECHNOLOGY CO., LTD |             | Q'TY<br>/   | DR:<br>ZXM                                            |                                |
|                                                                                                                                                                                                                                    |             |             |                                                       | SCALE SHEET REV.<br>1/1 1/2 01 |

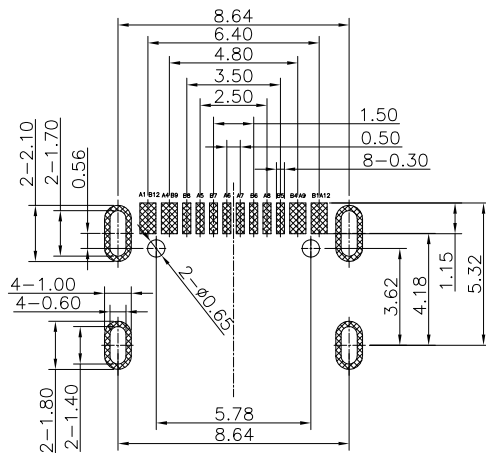


RoHS  
Compliant

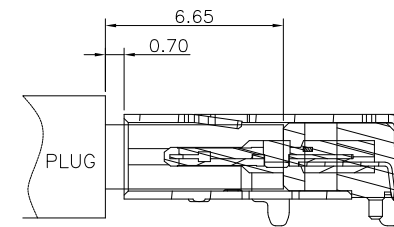
| 6                | 7          |
|------------------|------------|
| REV.             | ZONE       |
| 01               | ---        |
| DESCRIPTION      | DESIGN     |
| INITIAL RELEASED | ZXM        |
| DATE             | 2025.06.09 |

USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A12        | GND         | B1         | GND         |



RECOMMENDED P.C.B LAYOUT  
TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$



AFTER MATING

|                                                                                                                                                                                                                                      |                      |             |                                                        |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------|--------------------------------------------------------|--------------------------------|
| X. $\pm 0.50$                                                                                                                                                                                                                        | X.* $\pm 2^\circ$    | UNITS<br>mm | 广东创粤科技有限公司<br>Guangdong Chuangyue Technology Co., Ltd. |                                |
| .X $\pm 0.30$                                                                                                                                                                                                                        | .X* $\pm 1^\circ$    | MAT'L<br>/  | TITLE:<br>TYPE C 16PIN板上单排 L=10.5MM无弹片                 |                                |
| .XX $\pm 0.20$                                                                                                                                                                                                                       | .XX* $\pm 0.5^\circ$ |             | TYPE-C-16P-L10.5SMT-001143                             |                                |
| .XXX $\pm 0.10$                                                                                                                                                                                                                      |                      | FINISH<br>/ | CHKD:<br>CZJ                                           | PART NO.:<br>CY-001-CF0143     |
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