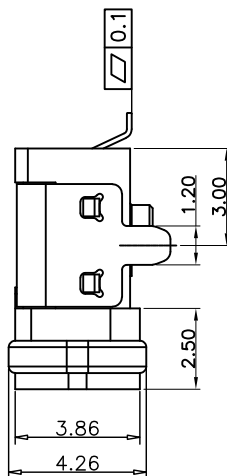
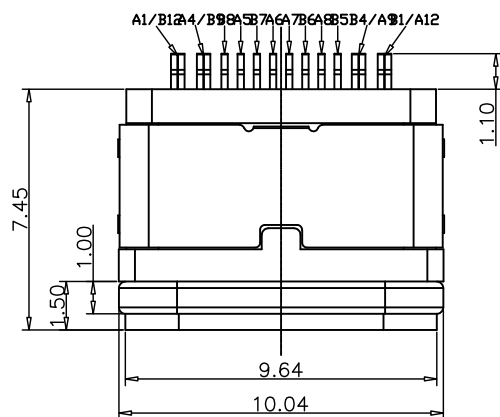


USB TYPE C PIN ASSIGNMENTS

| 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         |



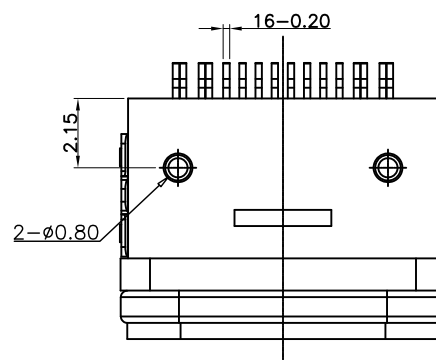
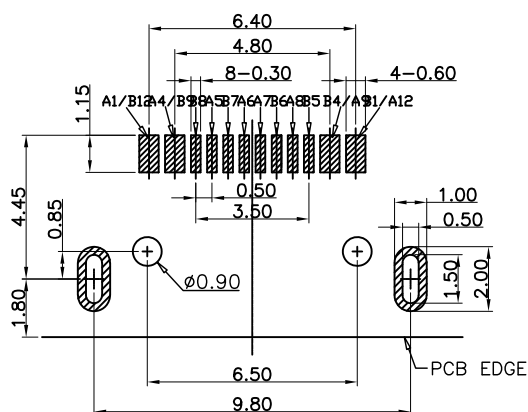
## NOTES:

## SPECIFICATION:

- 1.CURRENT RATING: 3.0 A
- 2.VOLTAGE RATING: 3.0 V
- 3.VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX  
SHIELD: 50mΩ/MAX  
LLCR MAX. CHANGE OF ALL PINS: 10Ωmm
- 4.INSULATION RESISTANCE: 100MΩ MIN
- 5.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1MINUTE
- 6.INSERTION FORCE: 0.5~2.0kgf
- 7.UNMATING FORCE: 0.8~2.0kgf
- 8.DURABILITY: 10000 CYCLES
- 9.OPERATING TEMPERATURE: -35°C~+85°C
- 10.THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 210-230°C
- 11.WATERPROOF:IP-X7.

TABLE:

| NO | PART            | Q'TY | Material                         |
|----|-----------------|------|----------------------------------|
| 1  | PLASTIC SHELL   | 1    | PA UL94 V-0 BLACK                |
| 2  | CONTACT         | 16   | C7025,TIN80u"/Au3u"/Ni30u"PLATED |
| 3  | MID PLATE       | 1    | SUS301,NO PLATING                |
| 4  | HOUSING         | 1    | LCP UL94 V-0 BLACK               |
| 5  | SHIELDING PLATE | 1    | SUS,NI PLATED                    |
| 6  | WATERPROOF RING | 1    | SILICONE UL94 V-0 BLACK          |



RECOMMEND P.C.B LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm



深圳市华宇创精密电子有限公司

|                                                                           |                    |                      |                                                   |
|---------------------------------------------------------------------------|--------------------|----------------------|---------------------------------------------------|
| TOLERANCE:<br>X.X ±0.30<br>X.XX ±0.25<br>X.XXX ±0.15<br>X' ±2" X.X' ±0.5" | DRAWN BY :<br>陈一鸣  | DATE :<br>2014-02-23 | PART NAME:<br>USB TYPE C 防水母座16P DIP+SMT L=7.45带柱 |
|                                                                           | CHECKED BY:<br>马跃  | DATE :<br>2014-02-23 | PART NO.<br>HYCW354-USBC16-745B                   |
|                                                                           | APPROVED BY:<br>邱敏 | DATE :<br>2014-02-23 | MOLD NO.                                          |
|                                                                           |                    |                      | DRAW NO:<br>HYC-2206231543                        |
|                                                                           |                    |                      | SHEET NO.<br>1 OF 1                               |