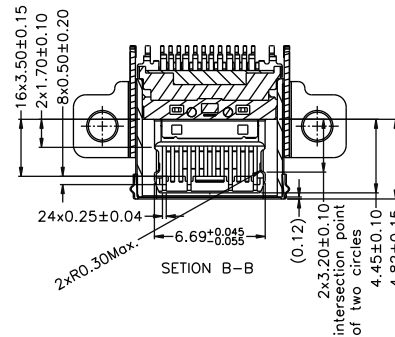
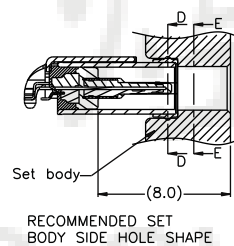
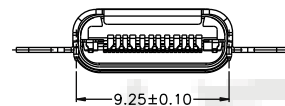
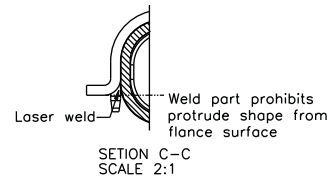
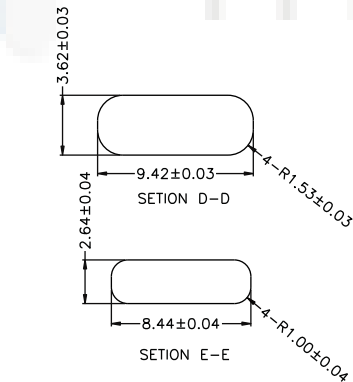
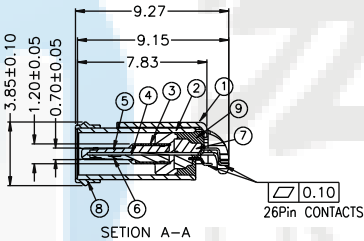
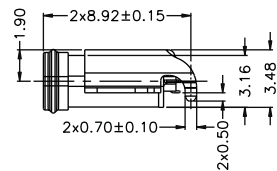
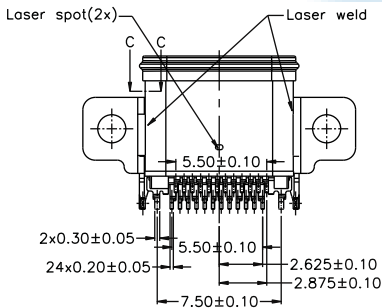
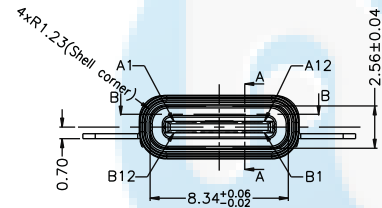
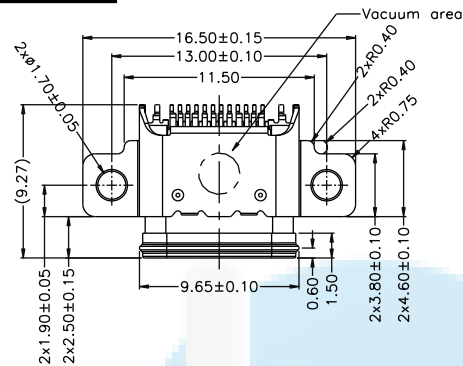


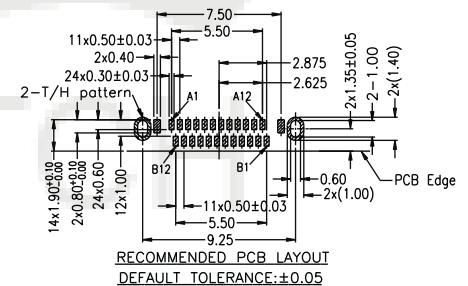
ROHS  
Compatible



Remark:  
1.MECHANICAL PERFORMANCE:  
1-1.INSERTION FORCE: 5~20N.  
1-2.EXTRACTION FORCE: 8~20N INITIAL,6~20N AFTER TEST;  
1-3.DURABILITY: 10000 CYCLES.  
2.ELECTRICAL PERFORMANCE:  
2-1. CURRENT RATING:5A MIN FOR VBUS,0.25A MIN FOR OTHERS  
VOLTAGE RATING: 20V MAX.  
2-2. LLCR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
2-3.INSULATION RESISTANCE: 100MΩ MIN  
2-4.DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.  
3.The waterproof grade is IPX8(1.5m depth of water).  
4.PIN DEFINITION:(GND pins(A1,A12,B1,B12) and Mid Plate should connect together in PCB circuit.)

|     | A1  | A2   | A3   | A4   | A5    | A6 | A7 | A8    | A9   | A10  | A11  | A12 |
|-----|-----|------|------|------|-------|----|----|-------|------|------|------|-----|
| Pin | GND | TX1+ | TX1- | VBUS | CC1   | D+ | D- | SBUS1 | VBUS | RX2- | RX2+ | GND |
|     | GND | RX1+ | RX1- | VBUS | SBUS2 | D- | D+ | CC2   | VBUS | TX2- | TX2+ | GND |
|     | B12 | B11  | B10  | B9   | B8    | B7 | B6 | B5    | B4   | B3   | B2   | B1  |

5.Environmental Characteristics  
Salt Spray: 24H  
IR Reflow: Peak Temperature 240±5°C (Time:30S)  
Operating Temperature Range: -30°C to +85°C.  
Storage Temperature Range: -20°C to +60°C.  
Relative Humidity: 15~70%RH  
Storage Life : 6 Months  
U5 297- 24P x x 0.88C 9.27L x  
名称 流水号 PIN位 N;母座 M;带耳 C;沉板 L;长度 F;防水



|     |                |       |                      |                                       |
|-----|----------------|-------|----------------------|---------------------------------------|
| 9   | Liquid Rubber  |       | Si                   | Color:Black                           |
| 8   | Rubber         | 1PCS  | Si                   | Color:Black                           |
| 7   | Insertmolding  | 1PCS  | LCP E6808            | Color:Black                           |
| 6   | Bottom Contact | 12PCS | C18150-R540, T=0.12  | Mating Area: Ni 50u"MIN.+Au 15u" Min  |
| 5   | Top Contact    | 12PCS | C18150-R540, T=0.12  | Solder Tails: Ni 50u"MIN.+Au 1u" Min. |
| 4   | Mid Plate      | 1PCS  | SUS301R-H, T=0.15    | Ni 40u"Min.+Solder area: Au 1u"Min.   |
| 3   | GND Plate      | 2PCS  | SUS301R-H, T=0.10    | None                                  |
| 2   | Shell          | 1PCS  | SUS316, T=0.30       | Ni:40u" Min.                          |
| 1   | Frame          | 1PCS  | SUS304R-1/2H, T=0.30 | Ni:40u" Min.                          |
| NO. | Part Name      | Q'TY  | Material             | Finish                                |

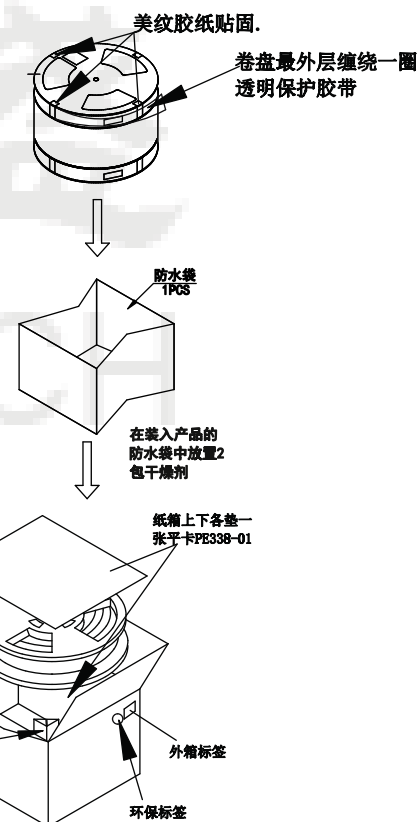
|          |               |       |               |  |                                       |
|----------|---------------|-------|---------------|--|---------------------------------------|
| DESIGN   | Li Jinwei     | SCALL |               |  | DRAWG NO.                             |
| DRAWING  | Wu Qifa       | UNIT  | mm            |  | U5297-24PNM0.88C9.27LF                |
| CHECK    | Zheng Jinxian | SIZE  | A4: 210 * 297 |  | TITLE:                                |
| APPROVAL | Liu Xiaohong  | DATE  | 2020-06-10    |  | 防水24P 后两脚插板SMT 沉板0.88mm 带耳 9.27L IPX8 |



东莞市宏煜盛实业有限公司  
Dongguan hongyusheng Industry Co., Ltd  
TEL: 0769-81230179 <https://www.hystypec.com>

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The fractional box must be filled by cushion before shipment.




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