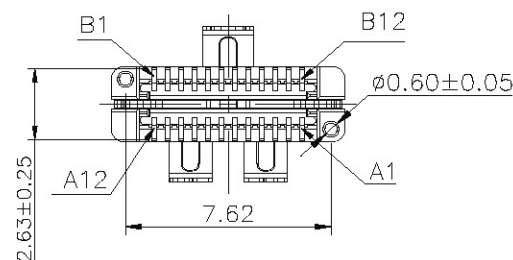
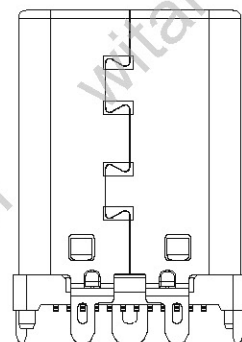
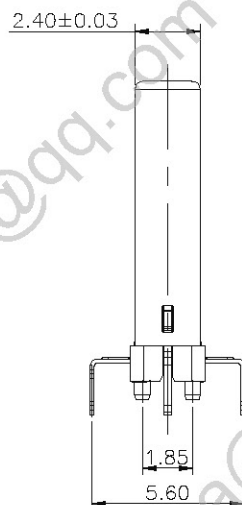
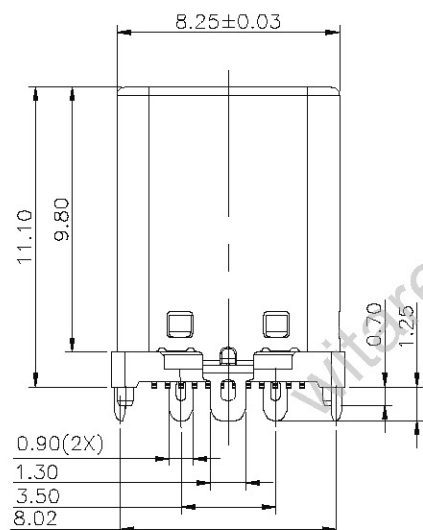
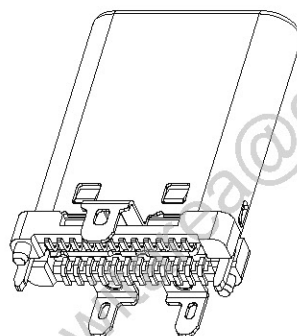
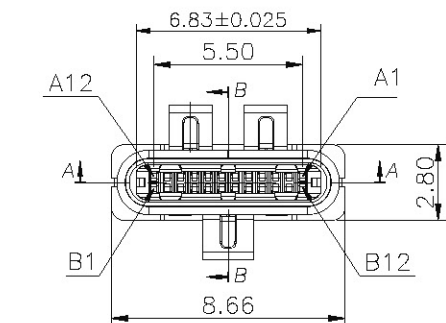


| REV | ECN No. | DATE       | REMARK      |
|-----|---------|------------|-------------|
| A   | NEW     | 2022.07.11 | NEW RELEASE |

NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING&PICKUP COVER: LCP, UL94 V-0.
  - CONTACTS: COPPER ALLOY (C7025)
  - SPRING: STAINLESS STEEL (SUS301)
  - SHELL: STAINLESS STEEL (SUS304)
- PLATING SPECIFICATION:
  - CONTACTS:
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
  - FRONT SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
  - SPRING:
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - 80u" MIN. TIN PLATED ON SOLDER AREA.
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - EXTRACTION FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 3.0A  
VOLTAGE RATING: 5.0V
  - LLCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
  - IR REFLOW:
    - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
- 符合ROHS & HF要求

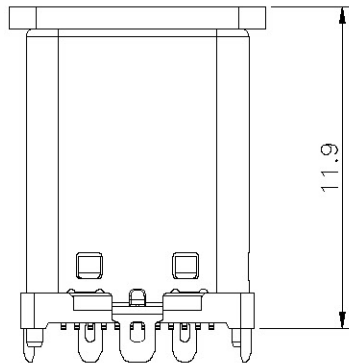
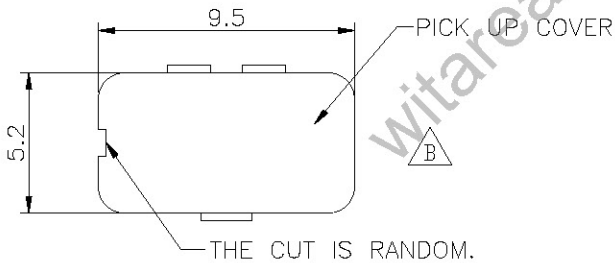
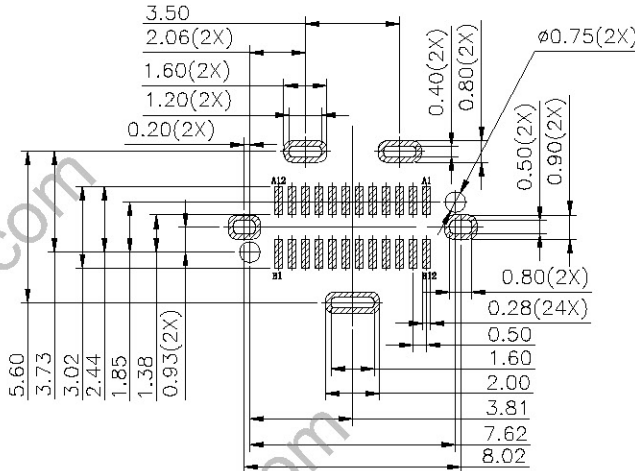
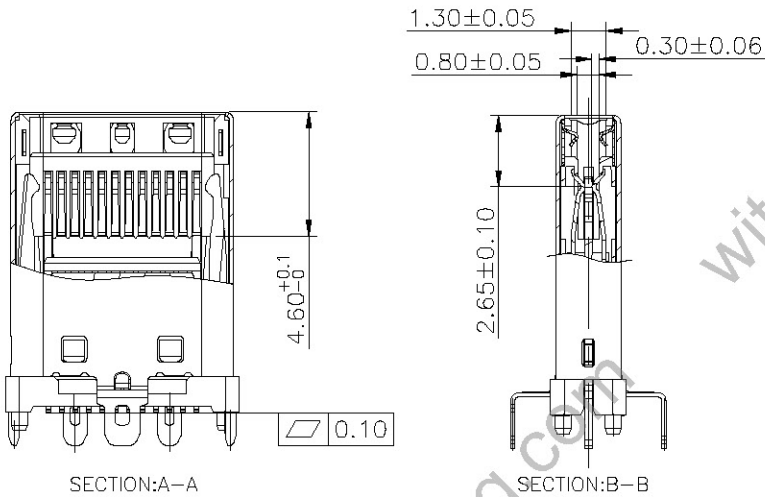


PART NO.:  
SEE THE PART NUMBER CODE

| QUALITY SYMBOL | GENERAL TOLERANCES (UNLESS SPECIFIED) |
|----------------|---------------------------------------|
| 0              | X.XXXX ± ---                          |
| 0              | X.XXX ± 0.10                          |
| 0              | X.XX ± 0.25                           |
| 0              | X.X ± 0.30                            |
| 0              | ANGULAR ± --°                         |

| 深圳市纬域科技有限公司<br>SHENZHEN WITAREA TECHNOLOGY CO., LTD |                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------|
| TITLE                                               | USB3.1 TYPE C 24PIN MALE PLUG, VERTICAL-MOUNT, DUAL ROW SMT, H=11.1MM, L=8.66MM |
| DWG. NO.                                            | W0025-24-VM1-S1                                                                 |
| SHEET NO.                                           | 1 OF 2                                                                          |
| DIMENSION STYLE                                     | MM ONLY                                                                         |
| DESIGN UNITS                                        | METRIC                                                                          |
| SCALE                                               | 1:1                                                                             |

|                           |                    |
|---------------------------|--------------------|
| DRAWN BY<br>ANDY YANG     | DATE<br>2023.03.13 |
| CHECKED BY<br>JAMES XIAO  | DATE<br>2023.03.13 |
| APPROVED BY<br>JASON ZENG | DATE<br>2023.03.13 |
| THIRD ANGLE PROJECTION    |                    |



USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | SSTXp1      | B11        | SSRXp1      |
| A3         | SSTXn1      | B10        | SSRXn1      |
| A4         | Vbus        | B9         | Vbus        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | Vbus        | B4         | Vbus        |
| A10        | SSRXn2      | B3         | SSTXn2      |
| A11        | SSRXp2      | B2         | SSTXp2      |
| A12        | GND         | B1         | GND         |

PART NO.:  
SEE THE PART NUMBER CODE

| GENERAL TOLERANCES (UNLESS SPECIFIED) |        |
|---------------------------------------|--------|
| X.XXXXX                               | ± 0.05 |
| X.XXX                                 | ± 0.10 |
| X.XX                                  | ± 0.25 |
| X.X                                   | ± 0.30 |
| ANGULAR                               | ± 0.5° |

深圳市纬域科技有限公司  
SHENZHEN WITAREA TECHNOLOGY CO., LTD

TITLE  
USB3.1 TYPE C 24PIN MALE PLUG, VERTICAL-MOUNT,  
DUAL ROW SMT,H=11.1MM, L=8.66MM

| DWG.NO.         | SHEET NO.    |
|-----------------|--------------|
| W0025-24-VM1-S1 | 2 OF 2       |
| DIMENSION STYLE | DESIGN UNITS |
| MM ONLY         | METRIC       |
| SCALE           | 1:1          |

| DRAWN BY    | DATE       |
|-------------|------------|
| ANDY YANG   | 2023.03.13 |
| CHECKED BY  | DATE       |
| JAMES XIAO  | 2023.03.13 |
| APPROVED BY | DATE       |
| JASON ZENG  | 2023.03.13 |

THIRD ANGLE PROJECTION