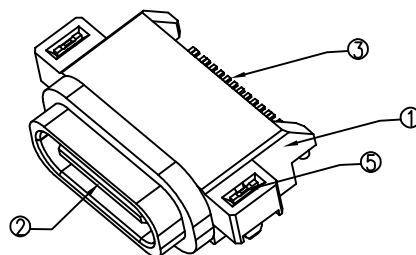
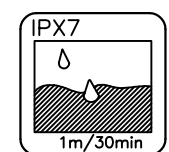
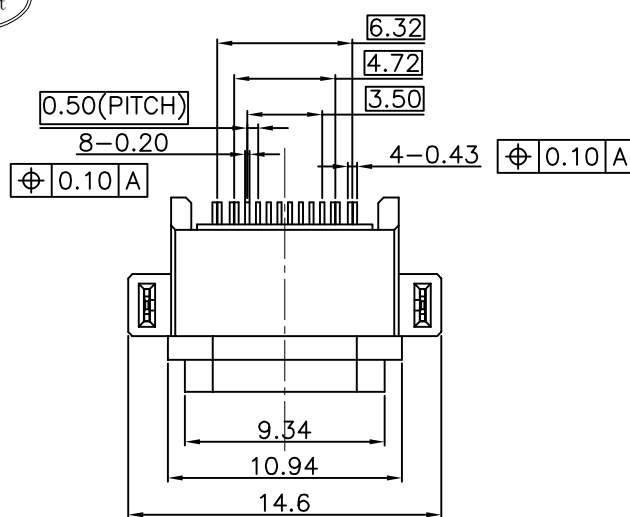
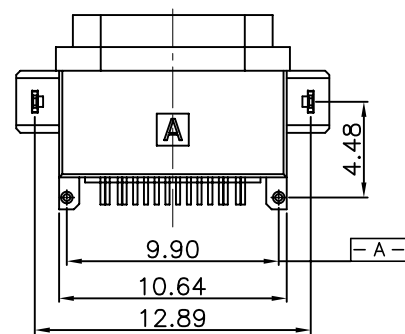
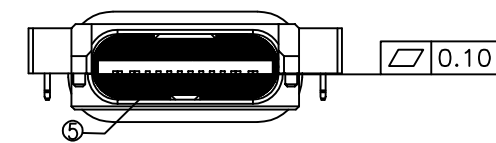
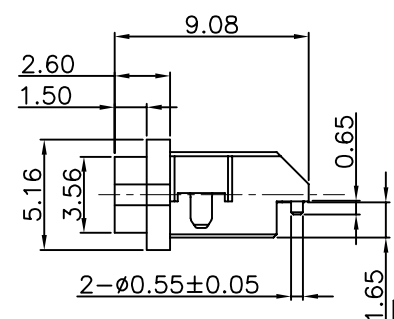
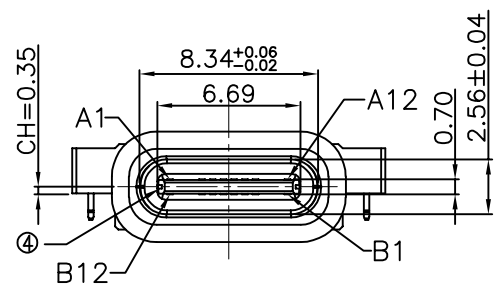




| REV | ECN No. | DATE       | REMARK |
|-----|---------|------------|--------|
| △   | 原始圖檔    | 2022.04.09 |        |



- NOTES:
1. MATERIAL: SEE "TABLE 1";
  2. FINISH: SEE "TABLE 1";
  3. ELECTRICAL :
    - 3.1 CONTACT CURRENT RATING :  
3A MAX FOR VBUS PIN ;  
1.25A MAX FOR GND PIN;  
0.25A MAX FOR OTHER PIN;
    - 3.2 INSULATION RESISTANCE :  
100 MEGAOHMS MIN.
    - 3.3 DIELECTRIC WITHSTANDING VOLTAGE :  
100V AC MAX
    - 3.4 CONTACT RESISTANCE :40mΩ MAX.
  - 4.MECHANICAL CHARACTERISTICS :
    - 4.1. MATING FORCE: 5~20N.;
    - 4.2. UNMATING FORCE: 8~20N(INITIAL),6~20N(AFTER 10000 CYCLES);
    - 4.3. DURABILITY : 10,000 MATING CYCLES.
    - 4.4. OPERATING TEMPERATURE : -40°C TO +80°C
  5. WATER PROOFNESS:THIS PRODUCT IS BASED ON IPX7.
  6. PACKAGING: TAPE & REEL.



| 6    | 0 RING      | 1     | SILICON RUBBER               | BLACK    |
|------|-------------|-------|------------------------------|----------|
| 5    | STELL PLATE | 2     | SUS301 Ni50U"                | T=0.25mm |
| 4    | MID PLATE   | 1     | SUS301                       | T=0.15mm |
| 3    | Contact     | 16    | C7025 Ni 50U"; Au 1U"Plating | T=0.15mm |
| 2    | Molding     | 1     | PA10T (G.F30%)               | BLACK    |
| 1    | Housing     | 1     | PA10T (G.F30%)               | BLACK    |
| ITEM | PART NAME   | Q' TY | FINISH                       | NOTE     |

MATERIAL NO.:

JK-US5116AGB00139R

REVIEW TABLE FOR DETAILS

QUALITY SYMBOL

▽ = 0

▽ = 12

GENERAL TOLERANCES (UNLESS SPECIFIED)

|           |          |
|-----------|----------|
| X. ±0.25  | X. ±4.0  |
| .X ±0.20  | .X ±3.0  |
| .XX ±0.15 | .XX ±2.0 |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE

TYPE-C 16Pin 沉板1.6 SMT Type

ECN DESCRIPTION

RELEASE TO TOOLING

DRAWN BY

KATE DENG

CHECKED BY

FAND

APPROVED BY

Wang Yan

DATE

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DATE

-----

DATE

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DOCUMENT NO.

SHEET NO.

1 OF 1

SCALE

10:1

DIMENSION STYLE

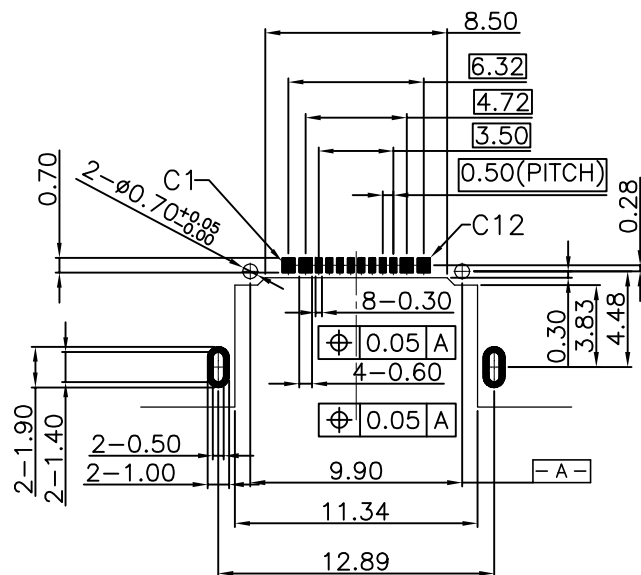
MM ONLY

DESIGN UNITS

METRIC

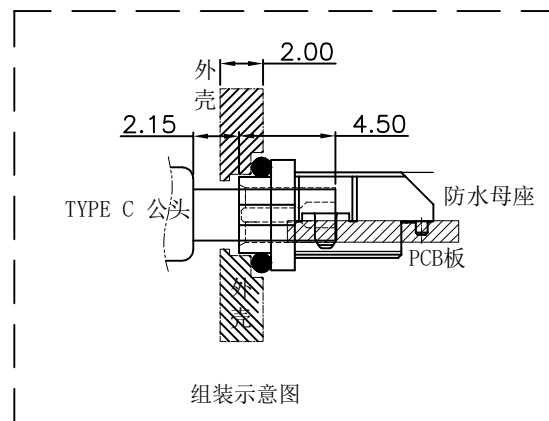
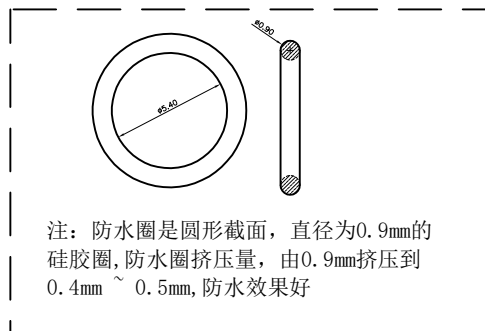
THIRD ANGLE PROJECTION

| REV | ECN No. | DATE       | REMARK |
|-----|---------|------------|--------|
| △   | 原始图档    | 2022.04.09 |        |



## RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS T=1.0mm  
DEFAULT TOLERANCE+/-0.05



## INTERFACE(FRONT VIEW)

| A1  | A2  | A3  | A4   | A5   | A6  | A7  | A8   | A9   | A10 | A11 | A12 |
|-----|-----|-----|------|------|-----|-----|------|------|-----|-----|-----|
| GND |     |     | VBUS | CC1  | DP1 | DN1 | SBU1 | VBUS |     |     | GND |
| GND |     |     | VBUS | SBU2 | DN2 | DP2 | CC2  | VBUS |     |     | GND |
| B12 | B11 | B10 | B9   | B8   | B7  | B6  | B5   | B4   | B3  | B2  | B1  |

## PIN ASSIGNMENT

| PIN NO.     | A1&B12 | A4&B9 | B8   | A5  | B7  | A6  | A7  | B6  | A8   | B5  | A9&B4 | A12&B1 |
|-------------|--------|-------|------|-----|-----|-----|-----|-----|------|-----|-------|--------|
| SIGNAL NAME | GND    | VBUS  | SBU2 | CC1 | DN2 | DP1 | DN1 | DP2 | SBU1 | CC2 | VBUS  | GND    |
| PCB PAD NO. | C1     | C2    | C3   | C4  | C5  | C6  | C7  | C8  | C9   | C10 | C11   | C12    |

MATERIAL NO.:

JK-US5116AGB00139R

REVIEW TABLE FOR DETAILS

| QUALITY SYMBOL | GENERAL TOLERANCES (UNLESS SPECIFIED) |
|----------------|---------------------------------------|
| ▽ = 0          | X. ±0.25 X. ±4.0                      |
| ▽ = 12         | .X ±0.20 .X ±3.0                      |
| ▽ = 12         | .XX ±0.15 .XX ±2.0                    |

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TYPE-C 16Pin 沉板1.6 SMT Type

J K F Technology Co.,Ltd

DOCUMENT NO.

DIMENSION STYLE  
MM ONLYDESIGN UNITS  
METRICSHEET NO.  
2 OF 2SCALE  
10:1ECN DESCRIPTION  
RELEASE TO TOOLINGDRAWN BY  
KATE DENGCHECKED BY  
FANDAPPROVED BY  
Wang Yan

THIRD ANGLE PROJECTION