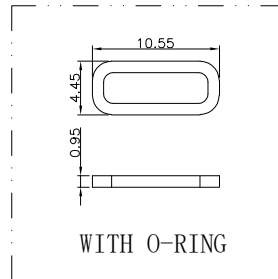
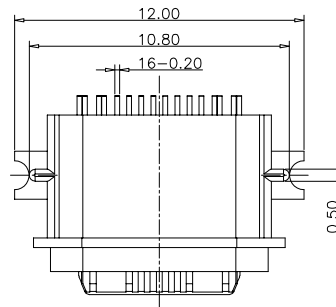
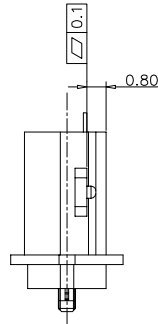
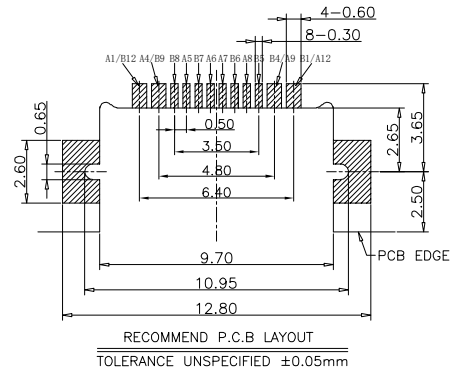
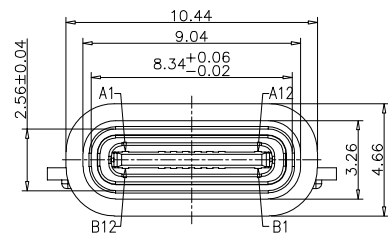
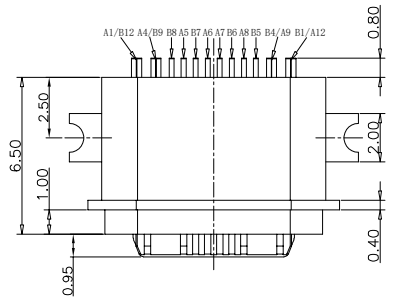
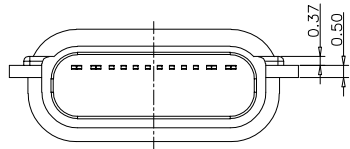
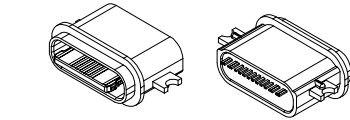


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WITH O-RING

| REVISIONS |             |      |        |
|-----------|-------------|------|--------|
| REV.      | DESCRIPTION | DATE | DESIGN |
|           |             |      |        |

#### NOTES:

##### SPECIFICATION:

- CURRENT RATING: 3.0 A
- VOLTAGE RATING: 3.0 V
- VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX  
SHIELD: 50mΩ/MAX  
LLCR MAX. CHANGE OF ALL PINS: 100m
- INSULATION RESISTANCE: 100MΩ MIN
- DIELECTRIC WITHSTAND VOLTAGE: AC 100V FOR 1MINUTE
- INSERTION FORCE: 0.5~2.0kgf
- UNMATING FORCE: 0.8~2.0kgf
- DURABILITY: 10000 CYCLES
- OPERATING TEMPERATURE: -35°C~+85°C
- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C
- WATERPROOF: IP-X7.

#### PART NO. INFORMATION

U06-C F X X 5 R - W028

|                                                                                                               |                                                                         |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| PORT TYPE<br>C: TYPE C                                                                                        | PACKAGE<br>R: TAPE REEL                                                 |
| GENDER<br>F: FEMALE<br>M: MALE                                                                                | HOUSING COLOR<br>2: WHITE<br>5: BLACK<br>9: NATURE                      |
| CONTACT PLATED<br>1: GOLD FLASH<br>2: GOLD 3U"<br>3: GOLD 5U"<br>4: GOLD 10U"<br>5: GOLD 15U"<br>6: GOLD 30U" | HOUSING MATERIAL<br>A: LCP B: PBT<br>C: PA9T D: PA6T<br>E: PA46 F: PA66 |

#### 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         |

#### TABLE:

| NO | PART            | QTY | Material                           |
|----|-----------------|-----|------------------------------------|
| 1  | SHELL           | 1   | ZINC ALLOY, NI30u"Min PLATED       |
| 2  | CONTACT         | 16  | C7025, TIN80u"/Au3u"/Ni30u"PLATED  |
| 3  | MID PLATE       | 1   | SUS301, NO PLATING                 |
| 4  | HOUSING         | 1   | LCP(E130i) UL94 V-0 BLACK          |
| 5  | WATERPROOF RING | 1   | SILICONE(SI/60-65A) UL94 V-0 BLACK |

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

|      |        |       |      |
|------|--------|-------|------|
| .X   | ± 0.20 | X.*   | ± 5° |
| .XX  | ± 0.15 | .X.*  | ± 2° |
| .XXX | ± 0.10 | .XX.* | ± 1° |

Website: www.bsc-elec.com

Email: bestcreate@bsc-elec.com

DESIGN: I.L DATE:

CHECKED: C.W DATE:

APPROVED: C.W DATE:

TITLE:  
IPX7 Waterproof USB TYPE C 16P FEMALE CONNECTOR  
MID MOUNT 0.8MM, L=6.50MM

|           |                             |             |
|-----------|-----------------------------|-------------|
| MATERIAL: | PART NO:<br>U06-CFXX5R-W028 | SIZE:<br>A4 |
| FINISH:   | DWG NO:<br>U06-CFXX5R-W028  |             |

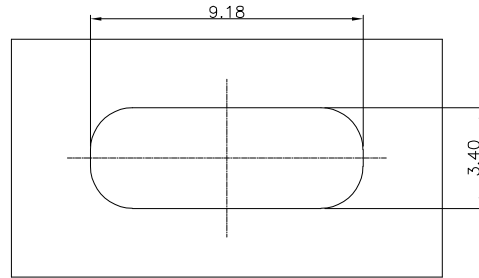
|           |            |              |                    |
|-----------|------------|--------------|--------------------|
| REV:<br>A | UNIT<br>mm | SCALE<br>1=1 | QUALITY<br>SYMBOLS |
|-----------|------------|--------------|--------------------|

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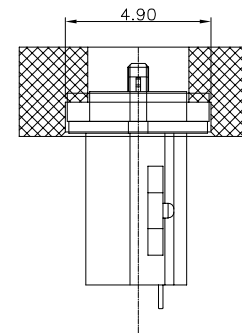
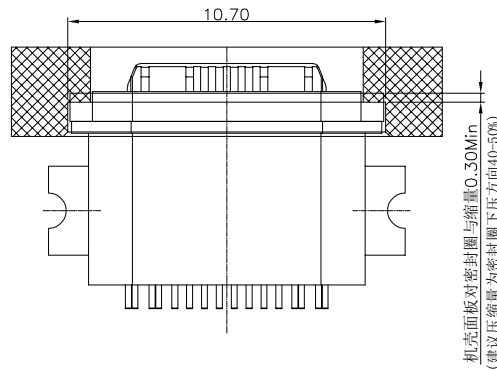


REVISIONS

| REV. | DESCRIPTION | DATE | DESIGN |
|------|-------------|------|--------|
|      |             |      |        |



密封开孔参考尺寸(只供参考)  
组装外壳时需要打环保润滑油



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TOLERANCES UNLESS OTHERWISE SPECIFIED:

|      |        |       |      |
|------|--------|-------|------|
| .X   | ± 0.20 | X.*   | ± 5° |
| .XX  | ± 0.15 | .X.*  | ± 2° |
| .XXX | ± 0.10 | .XX.* | ± 1° |

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Email: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

DESIGN: I.L DATE:

CHECKED: C.W DATE:

APPROVED: C.W DATE:

TITLE: IPX7 Waterproof USB TYPE C 16P FEMALE CONNECTOR  
MID MOUNT 0.8MM, L=6.50MM

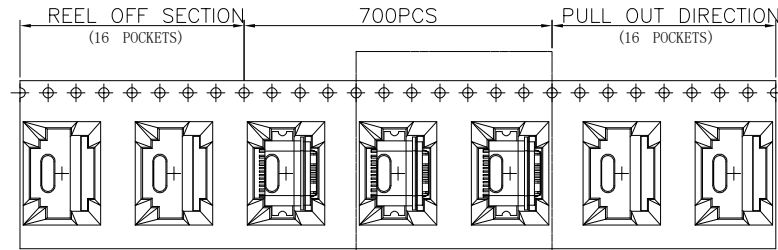
|           |                          |          |
|-----------|--------------------------|----------|
| MATERILA: | PART NO: U06-CFXX5R-W028 | SIZE: A4 |
| FINSH:    | DWG NO: U06-CFXX5R-W028  |          |

|        |         |           |                 |
|--------|---------|-----------|-----------------|
| REV: A | UNIT mm | SCALE 1=1 | QUALITY SYMBOLS |
|--------|---------|-----------|-----------------|

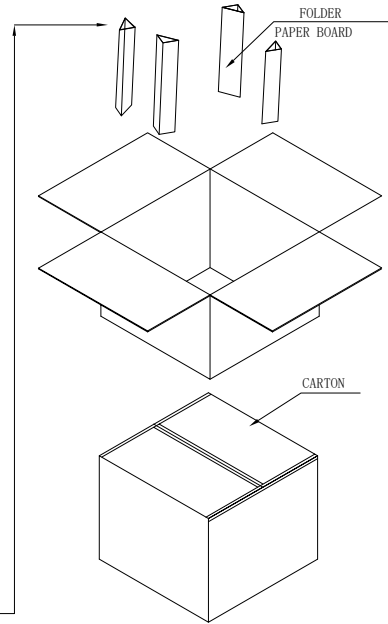
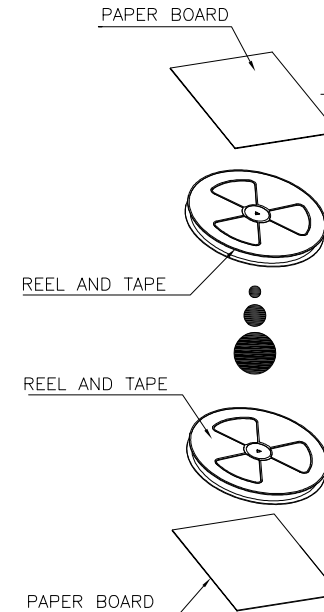
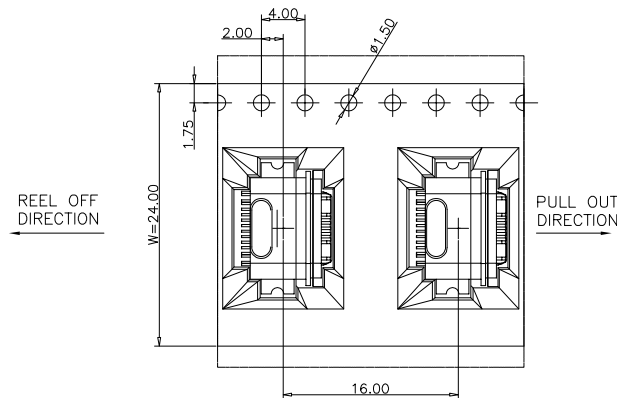
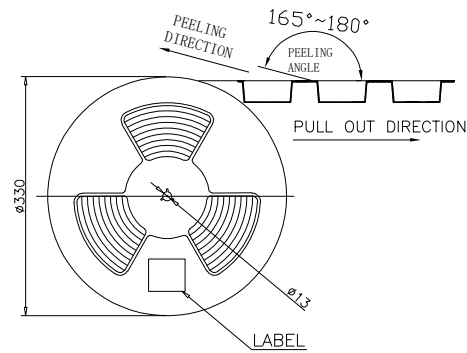
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REVISIONS

| REV. | DESCRIPTION | DATE | DESIGN |
|------|-------------|------|--------|
|      |             |      |        |



SEE DETAIL X



| CONNECTOR (PCS) | REEL | CARTON |
|-----------------|------|--------|
|                 | 700  | 7000   |

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

|      |        |      |      |
|------|--------|------|------|
| .X   | ± 0.20 | X.*  | ± 5° |
| .XX  | ± 0.15 | .X*  | ± 2° |
| .XXX | ± 0.10 | .XX* | ± 1° |

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Email: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

DESIGN:  
I. L

DATE:

CHECKED:

DATE:

APPROVED:  
C. W

DATE:

TITLE:

IPX7 Waterproof USB TYPE C 16P FEMALE CONNECTOR  
MID MOUNT 0.8MM, L=6.50MM

MATERIAL:

PART NO:

U06-CFXX5R-W028

SIZE:  
A4

FINISH:

DWG NO:

U06-CFXX5R-W028

REV:  
A

UNIT  
mm

SCALE  
1=1

QUALITY  
SYMBOLS

