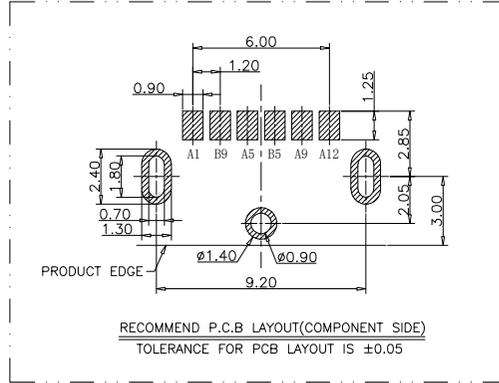
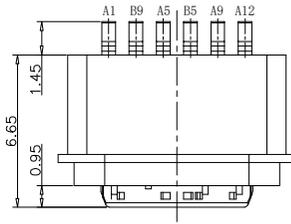
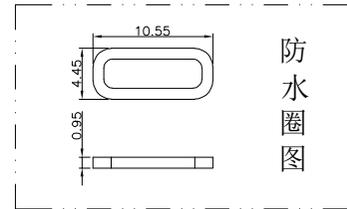
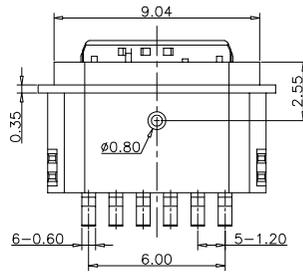
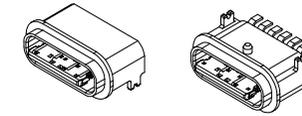
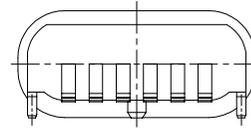
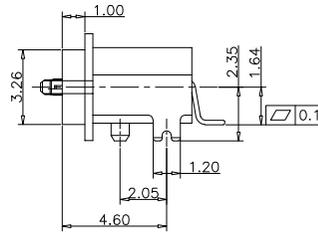
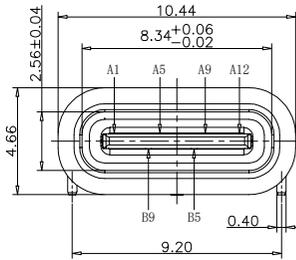


RoHS Compliant



RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ±0.05



USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B9	VBUS
A5	CC1	B5	CC2
A9	VBUS		
A12	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: 100m  
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.

PART NO. INFORMATION

**U06-C F X X 5 R - W023**

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

TABLE:

NO	PART	Q'TY	Material
1	SHELL	1	ZINC ALLOY,NI PLATED
2	CONTACT	6	COPPER STEEL,TIN/Au/NI PLATED
3	MID PLATE	1	STAINLESS STEEL,NO PLATING
4	1MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0
5	WATERPROOF RING	1	SILICONE UL94 V-0 BLACK

**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.50	X.'	± 10'
.X	± 0.30	.X'	± 8'
.XX	± 0.20	.XX'	± 5'

Website:www.bsc-elec.com

Email:bestcreate@bsc-elec.com

DESIGN:  
I. L

DATE:

CHECKED:  
C. W

DATE:

APPROVED:  
C. W

DATE:

TITLE:

**Waterproof USB 3.1 C Female 6P Connector  
Top Mount,L=6.65mm**

MATERILA:

PART NO:  
U06-CFXX5R-W023

SIZE: A4

FINSH:

DWG NO:  
U06-CFXX5R-W023

1 OF 3

REV: A

UNIT mm

SCALE 1=1

QUALITY SYMBOLS



1

2

3

4

5

6

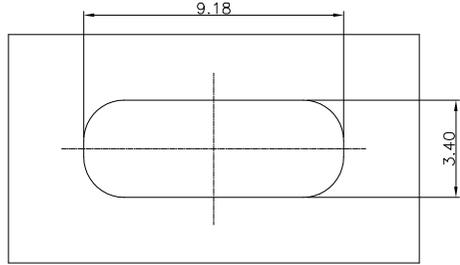
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8

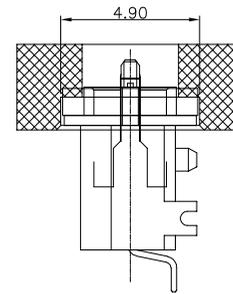
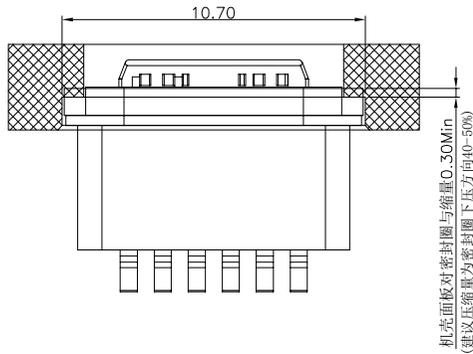
1 2 3 4 5 6 7 8

RoHS Compliant

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



**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.50	X.'	± 10'
.X	± 0.30	.X'	± 8'
.XX	± 0.20	.XX'	± 5'

Website: [www.bsc-elec.com](http://www.bsc-elec.com)  
 Email: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

DESIGN: I.L      DATE:      CHECKED: C.W      DATE:      APPROVED: C.W      DATE:

TITLE: **Waterproof USB 3.1 C Female 6P Connector Top Mount, L=6.65mm**  
 MATERILA:      PART NO: U06-CFXX5R-W023      SIZE: A4  
 FINSH:      DWG NO: U06-CFXX5R-W023      2 OF 3

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

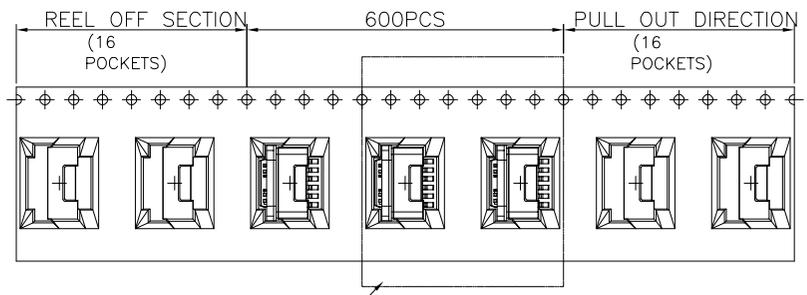
1 2 3 4 5 6 7 8

A  
B  
C  
D

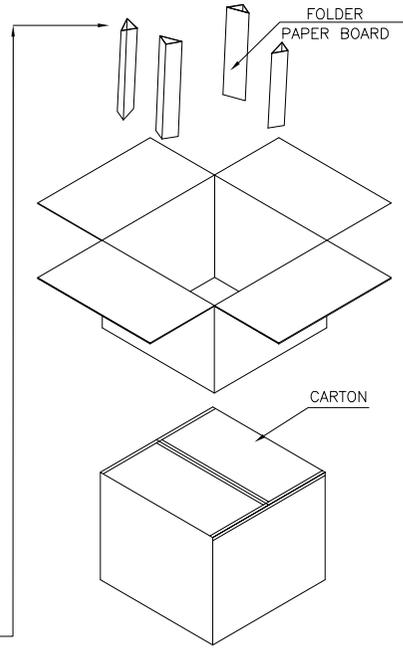
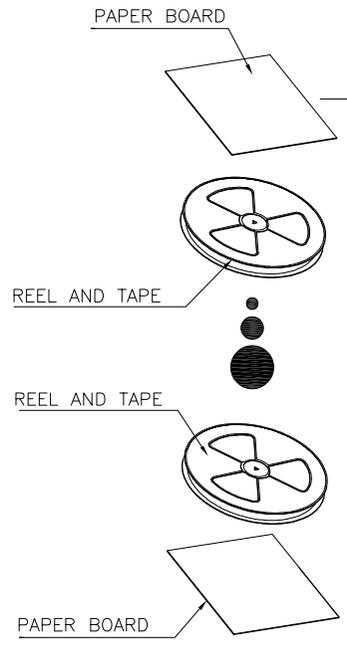
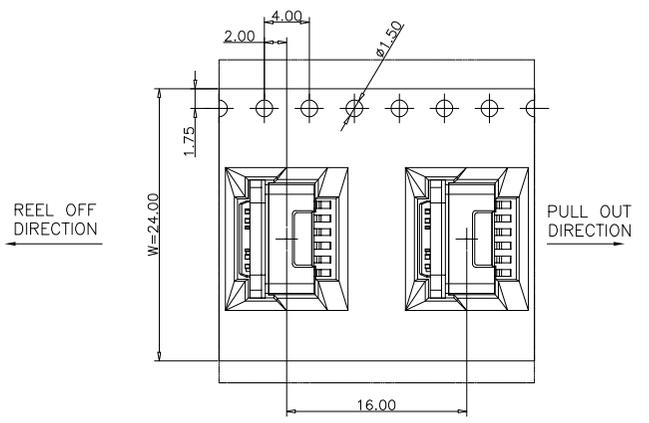
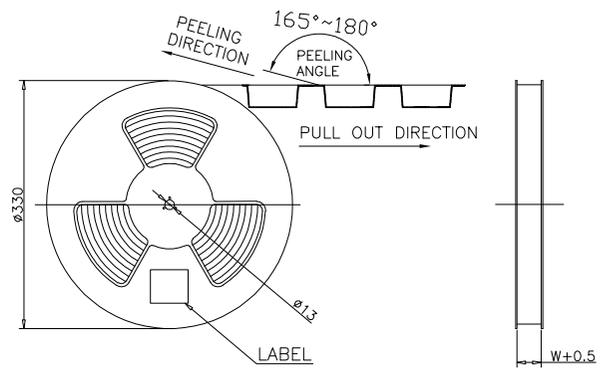
A  
B  
C  
D

RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	700	7000

**Bestcreate Technology Limited**

TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.50	X.′	± 10′
.X	± 0.30	.X.′	± 8′
.XX	± 0.20	.XX.′	± 5′

Website: www.bsc-elec.com  
Email: bestcreate@bsc-elec.com

DESIGN: I. L      DATE:      TITLE: Waterproof USB 3.1 C Female 6P Connector Top Mount, L=6.65mm

CHECKED: C. W      DATE:      MATERILA:      PART NO: U06-CFXX5R-W023      SIZE: A4

APPROVED: C. W      DATE:      FINSH:      DWG NO: U06-CFXX5R-W023      3 OF 3

REV: A	UNIT mm	SCALE 1=1	QUALITY SYMBOLS
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