

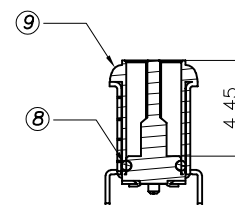
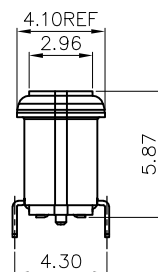
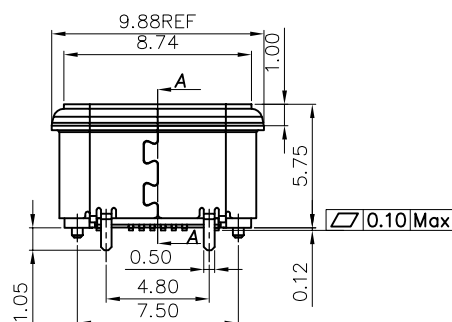
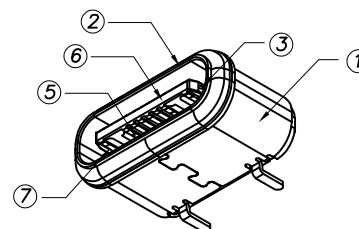
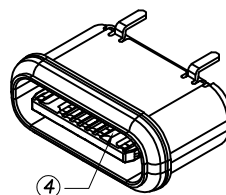
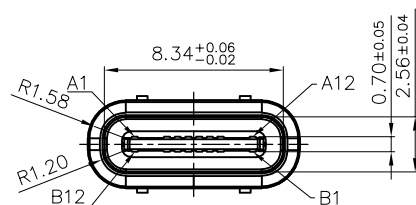
RoHS Compliant

REVISIONS

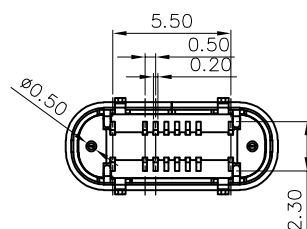
REV.	DESCRIPTION	DATE	DESIGN

NOTE:

1. Material:
All Housing: THERMAL PLASTIC,LCP/Black,UL94V-0
Contact: Copper Alloy(C7025)
Mid Plate: Stainless Steel(SUS301)
Out Shell: Stainless Steel(SUS304)
Inner Shell: Stainless Steel(SUS316L)
O-Ring/UV-Ring: SILICA GEL
2. FINISH:
Contact: Ni 50u" MIN. UN-DERPLATED OVER ALL
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
Mid-Plate: CLEAR ONLY
Out Shell&Inner shell: 30u" MIN Nickel Over All
3. Electrical Characteristics:
Current Rating: 3A
Insulation Resistance: 100MΩ Min.
Contact Resistance: 50 mΩ Max.
Dielectric Withstanding Voltage: 100V/AC 1Minute
4. Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability :10000 Cycles
5. Operating Temperature: -30°C TO +85°C
6. WATER PROOF:IPX6



SECTION A-A
SCALE 1:1



PART NO. INFORMATION	
U06-C F X X 5 R - W139	
PORT TYPE C: TYPE C	PACKAGE R: TAPE REEL
GENDER F: FEMALE M: MALE	HOUSING COLOR 2: WHITE 5: BLACK 9: NATURE
CONTACT PLATED 1: GOLD FLASH 2: GOLD 3U" 3: GOLD 5U" 4: GOLD 10U" 5: GOLD 15U" 6: GOLD 30U"	HOUSING MATERIAL A: LCP B: PBT C: PA9T D: PA6T E: PA46 F: PA66

9	UV-Ring	SILICA GEL	1PCS
8	O-Ring	SILICA GEL	1PCS
7	Terminal	Copper alloys	SEE P/N
6	OVER Molding	LCP	1PCS
5	BOTTOM Molding	UL 94V-0,HF	1PCS
4	TOP Molding		2PCS
3	Mid-Plate	Stainless Steel	1PCS
2	INNER Shell	Stainless Steel	1PCS
1	OUT Shell	Stainless Steel	Nickel Plating
NO.	NAME	MATERIAL	PLATING
			Q'TY

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.30	X'	± 10'
.XX	± 0.20	.X'	± 8'
.XXX	± 0.10	.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:

USB TYPE C FEMALE 16PIN SMT TYPE,H=5.90MM(IPX6)

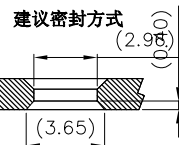
MATERILA:	PART NO: U06-CFXX5R-W139	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-W139	1 OF 3

REV: A
UNIT mm
SCALE 1=1
QUALITY SYMBOLS

RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

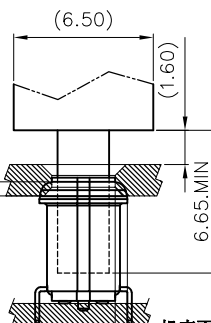
机壳面板



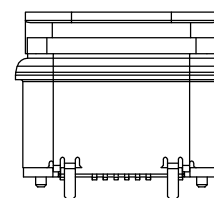
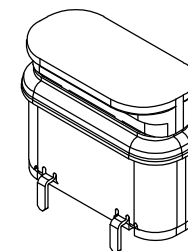
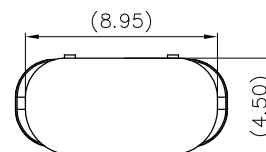
密封圈

PCB板

机壳面板对密封圈与缩量0.30Min
(建议压缩量为密封圈直径大小40-50%)



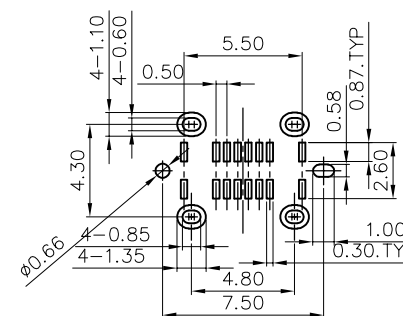
机壳面板对密封圈与缩量0.30Min
(建议压缩量为密封圈直径大小40-50%)



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

With Cover View



PCB LAYOUT ±0.05

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.30	X'	± 10'
.XX	± 0.20	.X'	± 8'
.XXX	± 0.10	.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:

USB TYPE C FEMALE 16PIN SMT TYPE, H=5.90MM (IPX6)

MATERIAL:

PART NO:

U06-CFXX5R-W139

SIZE: A4

FINISH:

DWG NO:

U06-CFXX5R-W139

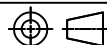
2 OF 2

REV: A

UNIT mm

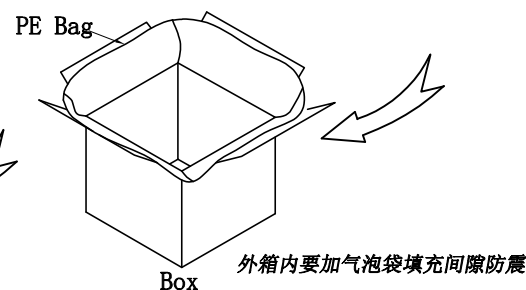
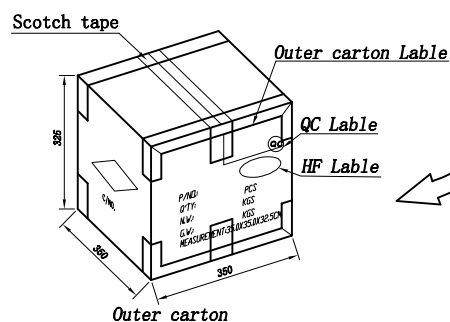
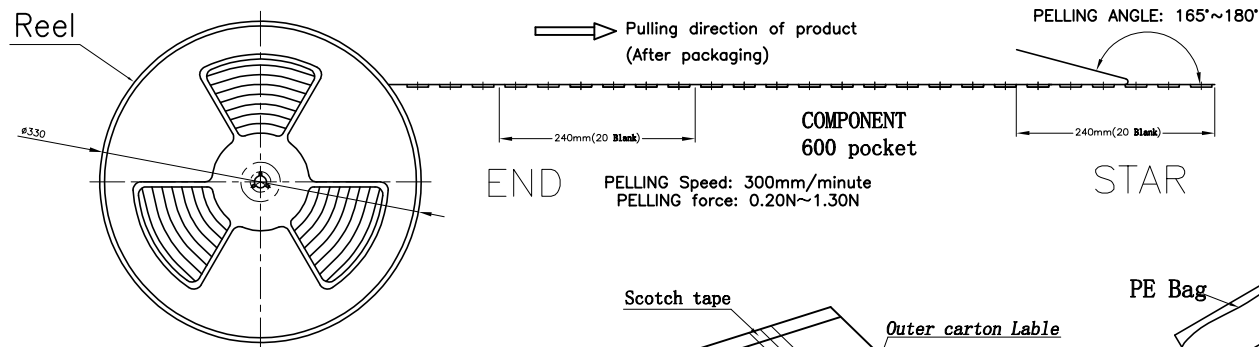
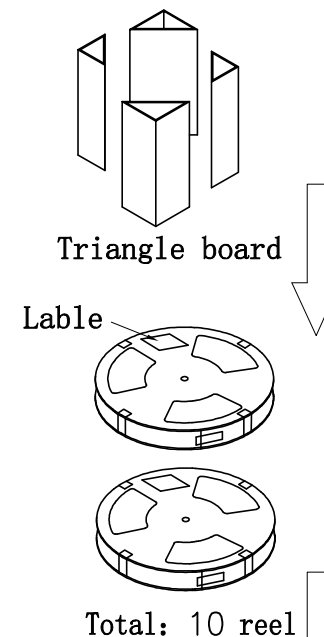
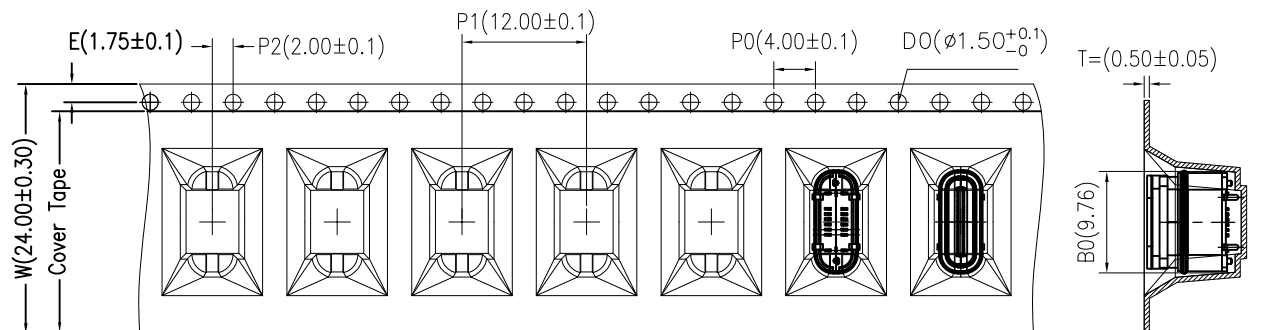
SCALE 1=1

QUALITY SYMBOLS



RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



PRODUCT No.	QTY/REEL	REEL/CARTON	QTY/CARTON
U06-CFXX5R-W139	600PCS	10 REEL	6000PCS

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:

.X	± 0.30	X.*	± 10°
.XX	± 0.20	.X.*	± 8°
.XXX	± 0.10	.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:

USB TYPE C FEMALE 16PIN SMT TYPE, H=5.90MM(IPX6)

MATERIAL:

PART NO: U06-CFXX5R-W139

SIZE: A4

FINISH:

DWG NO: U06-CFXX5R-W139

3 OF 3

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