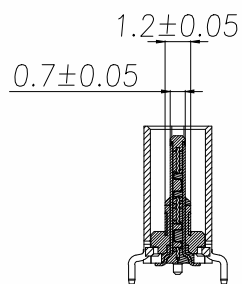
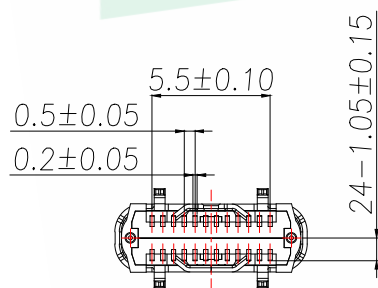
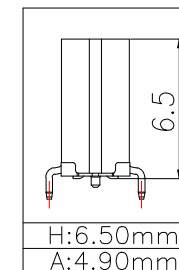
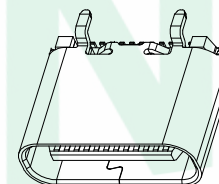
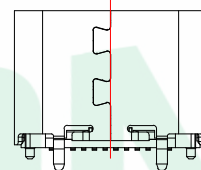
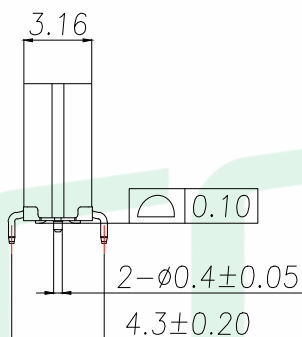
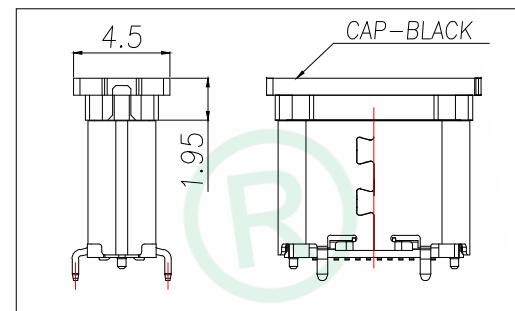
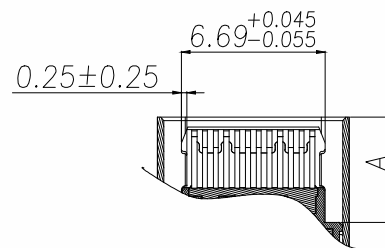
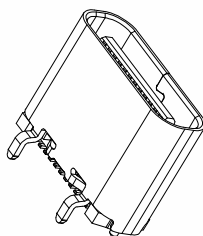
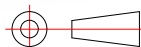


	P/N	Remark
	UC01-1 <u>B</u> 16F65P10	LCP BLACK
	UC01-1 <u>O</u> 16F65P10	LCP ORANGE



Note: 24pin with ground plate; 16pin without ground plate;

GENERAL TOLERANCE		DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD				BXCONN [®]	
DIM. TOL. x. ±0.50 x.x ±0.35 x.xx ±0.25 GENERAL ANGLE: x.° ±5.0° x.x° ±3.0° x.xx° ±2.5°		TITLE: TYPE-C Vertical Type Double Row SMT REC					
		DWG. NO.: UC01-1X16F65P10		CHECKED: MAX			
		PART NO.: UC01-1X16F65P10		DRAWN: ELLA			
		UNIT: mm	SCALE: none	SHEET: 1 of 1	DWG. SIZE: A4	LAYER: bxconn	APPROVED: WILL



A		B		C		D		E	
REV.		DESCRIPTION		ECN NO.		NAME		DATE	

1

RECOMMENDED P.C.B. LAYOUT(24 Pin)

TOLERANCE UNSPECIFIED ±0.05mm

RECOMMENDED PCB THICKNESS:0.8±0.10mm

USB TYPE-C 24PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSTXp1
A3	SSTXn1	B10	SSTXn1
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	SSRXn2
A11	SSRXp2	B2	SSRXp2
A12	GND	B1	GND

2

RECOMMENDED P.C.B. LAYOUT(16 Pin)

TOLERANCE UNSPECIFIED ±0.05mm

RECOMMENDED PCB THICKNESS:0.8±0.10mm

USB TYPE-C 16PIN 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

3

SPECIFICATION:

1. MATERIAL:

1-1.HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 COLOR:BLACK

1-2.CONTACTS:COPPER ALLOY T=0.12mm

1-3.SHELL:STAINLESS STEEL SUS304-1/2H,T=0.30

1-4.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm

1-5.EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE MATING AREA OF CONTACT.

MATTE SN PLATED ON THE SOLDER AREA.

2-2.SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:CLEAR ONLY

2-4.EMI PLATE:CLEAR ONLY

3. MECHANICAL:

3.1.MATING FORCE:0.5~2.0kgf;

3.2.UNMATING FORCE:0.8~2.0kgf.

0.6~2.0kgf AFTER DURABILITY TEST;

3.3.DURABILITY:10000 CYCLES;

4.ELECTRICAL:

4.1.CURRENT RATING:5A Max;

4.2.VOLTAGE RATING:20V Max;

4.3.DIELECTRIC WITHSTANDING VOLTAGE:100VAc;

4.4.CONTACT RESISTANCE:40m Ohms Max.;

4.5.INSULATION RESISTANCE:100M Ohms Min.;

5.ENVIRONMENTAL:

5.1.OPERATING TEMPERATURE:-40°C~+85°C;

5.2.WETTING TEMPERATURE:265±5°C,5±0.5s

4

GENERAL TOLERANCE

DIM. TOL.

x. ±0.50

x.x ±0.35

x.xx ±0.25

GENERAL ANGLE:

x° ±5.0°

x.x° ±3.0°

x.xx° ±2.5°

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

TITLE: TYPE-C Vertical Type Double Row SMT REC

DWG. NO.: UC01-1X16F65P10

CHECKED: MAX

PART NO.: UC01-1X16F65P10

DRAWN: ELLA

UNIT: mm

SCALE: none

SHEET: 1 of 1

DWG. SIZE: A4

LAYER: bxconn

APPROVED: WILL

5