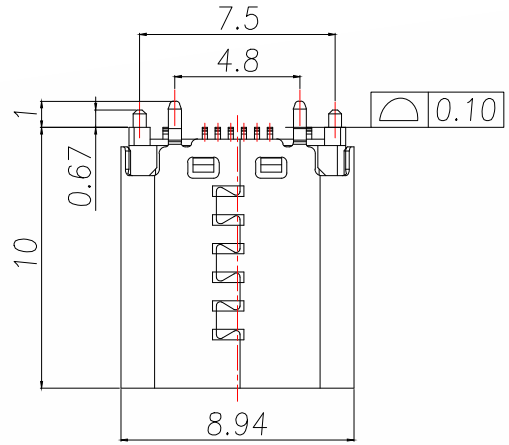
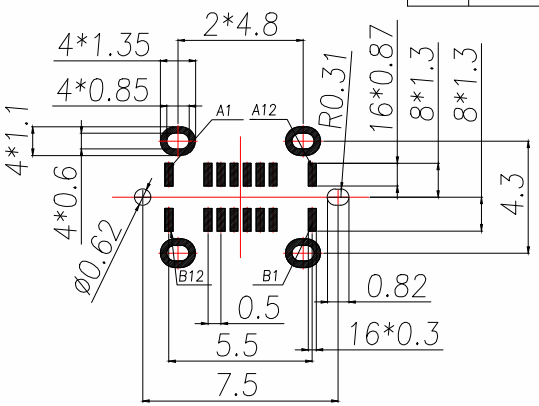
REV.	DESCRIPTION	ECN NO.	NAME	DATE



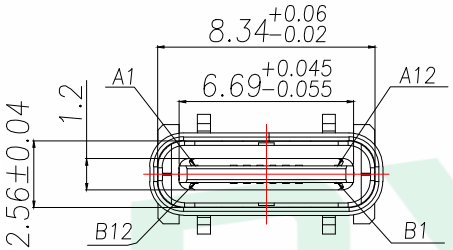


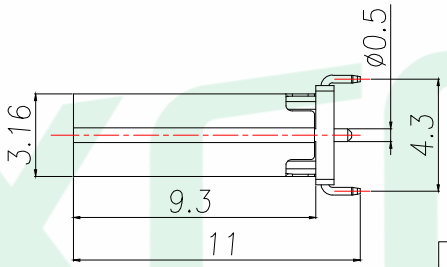
(TOP VIEW)
RECOMMENDED P.C.B. LAYOUT (T:0.8mm)

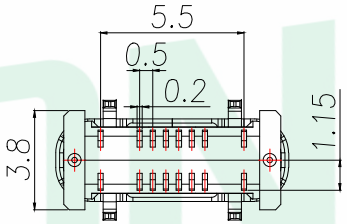
TOLERANCE UNSPECIFIED ±0.05mm

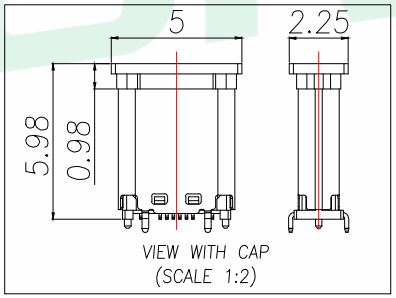
PIN DEFINE TABLE			
PIN	SIGNAL	PIN	SIGNAL
A12	GND	B1	GND
A11	——	B2	——
A10	——	B3	——
A9	VBUS	B4	VBUS
A8	SBU1	B5	CC2
A7	D−	B6	D+
A6	D+	B7	D−
A5	CC1	B8	SBU2
A4	VBUS	B9	VBUS
A3	——	B10	——
A2	——	B11	——
A1	GND	B12	GND

SPECIFICATION:
1. MATERIAL & FINISH:SEE THE LIST;
2. PLATING SPECIFICATION:
   2−1.CONTACTS:
      Ni 50u" MIN. UNDER PLATED OVER ALL.
      Au PLATED ON THE MATING AREA OF CONTACT.
      Au PLATED ON THE SOLDER AREA.
   2−2.SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.
   2−3.MID 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:40mΩ 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
   5.3.Salt Spray Test:48H Min

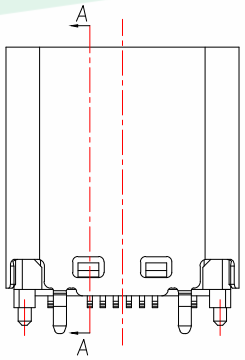


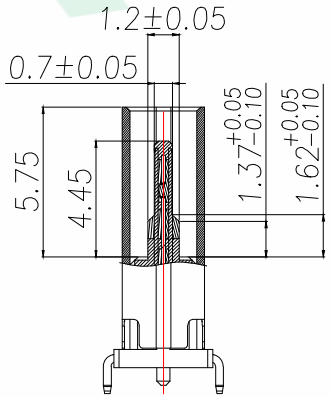






VIEW WITH CAP
(SCALE 1:2)





SECTION A−A

NO.	PART NAME	Q'TY	MATERIAL	FINISH
5	CAP	1	High temperature plastic	UL94 V−0,Black
4	Shell	1	Stainless Steel,T=0.30mm	30u"Ni Min.
3	GroundBar	1	Stainless Steel,T=0.15mm	No Plating
2	Contact	16	Copper Alloy,T=0.15mm	Au/Ni−Plated
1	Housing	1	High temperature plastic	UL94 V−0,Black

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

BXCONN®

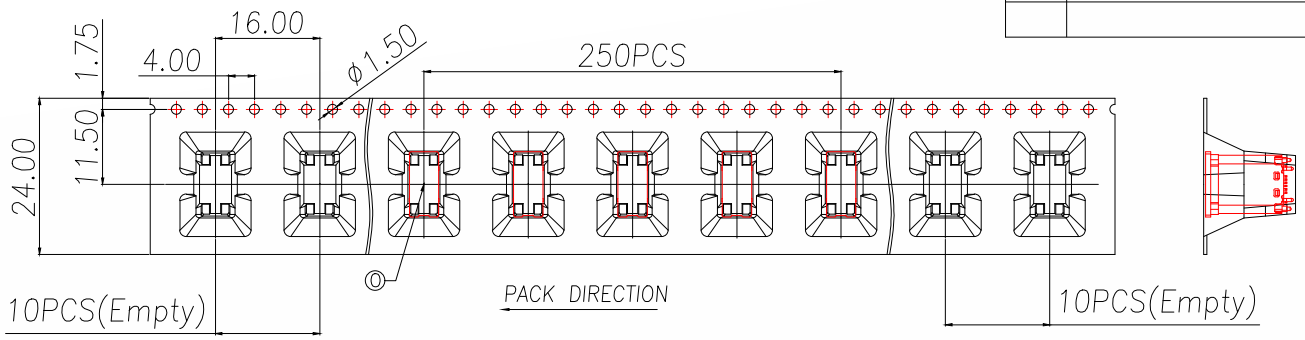
TITLE: TYPE−C 16p 立贴式 母座 H10.0mm

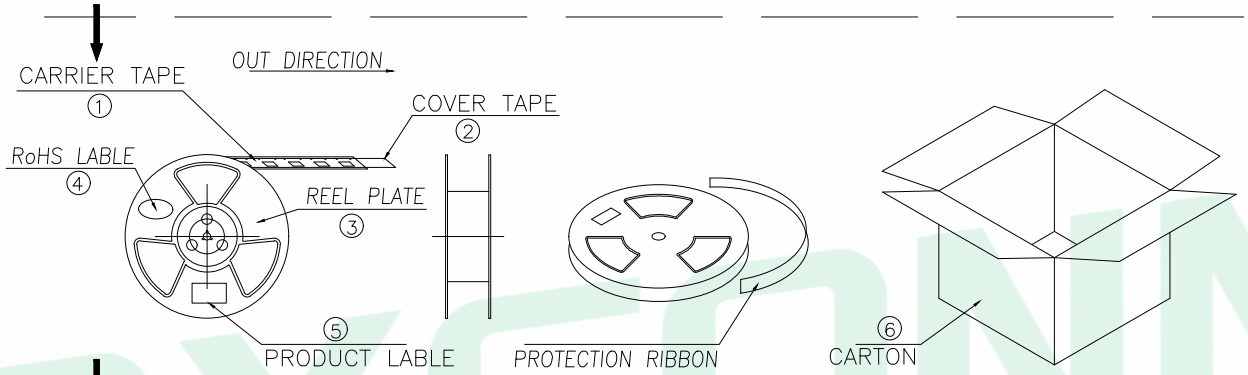
DWG. NO.: UC01−0B16F100P10 | CHECKED: MAX

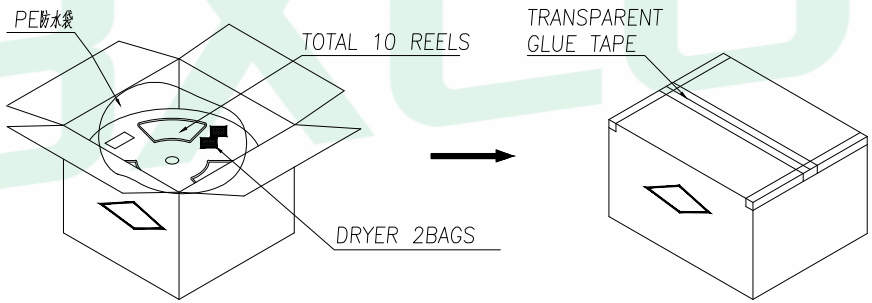
PART NO.: UC01−0B16F100P10 | DRAWN: ELLA

UNIT:	SCALE:	SHEET:	DWG. SIZE:	LAYER:	APPROVED:
mm	none	1of 1	A4	bxconn	WILL

REV.	DESCRIPTION	ECN NO.	NAME	DATE







说明:

1.每卷前后各空10PCS,尾部用美纹胶纸封住;
2.将产品放满盘后,再卷一圈保护带,用美纹胶纸将其封住,并贴上1Pcs物料标签;
3.每10卷盘一叠共2500Pcs并装入1个外箱内;
4.在搬运过程中要轻拿轻放;
5.在运输中不可堆放过多(1.8M最高),不可重压;
6.跌落测试条件:
成品箱从1.2米高度自由落体(一角三棱六面):
a.产品不可跑出下带凹槽;
b.产品不可有摔伤,变形;
c.内包装材料不可严重破损.

NO.	NAME	SPEC	Q'TY
⓪	TYPE C RECEPTACLE		2500PCS/CARTON
①	CARRIER TAPE	W=24mm,T=0.50mm	250PCS/PLATE
②	COVER TAPE	W=21.3mm	10PLATES/CARTON
③	REEL PLATE	ø330*100*24.4mm	10PCS/CARTON
④	RoHS LABEL		10PCS/CARTON
⑤	PRODUCT LABER		10PCS/CARTON
⑥	CARTON	350*340*310mm	1PCS/PACKAGE

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°

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UNIT:	SCALE:	SHEET:	DWG. SIZE:	LAYER:	APPROVED:
mm	none	1of 1	A4	bxconn	WILL