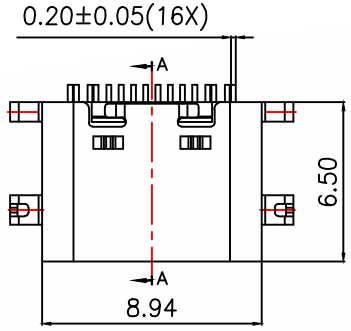
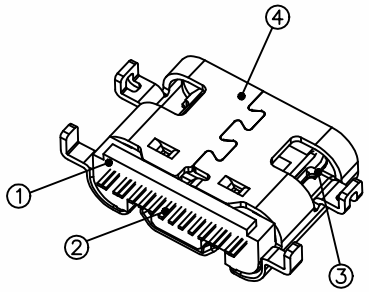
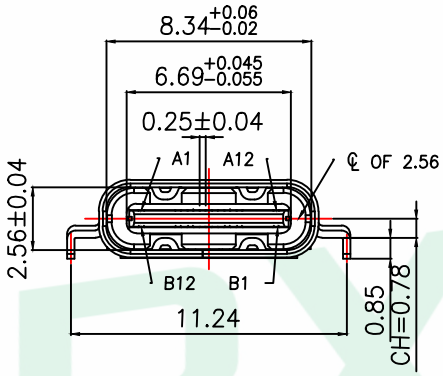
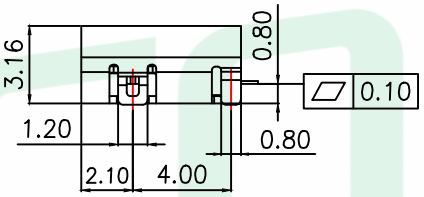
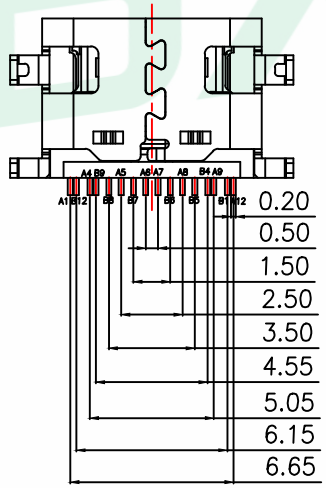
REV.	DESCRIPTION	ECN NO.	NAME	DATE

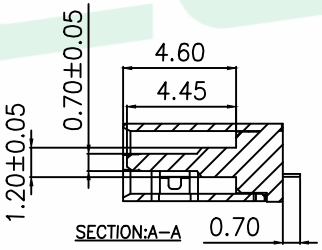












NOTE:
1.MATERIAL SPECIFICATION:
 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V–0.
 2.TERMINAL: COPPER ALLOY(C1814)
 3.MID PLATE: STAINLESS STEEL(SUS301)
 4.FRONT SHELL: STAINLESS STEEL(SUS304)
2.PLATING SPECIFICATION:
 2–1.TERMINAL:
  Ni 50u" MIN. UNDER PLATED OVER ALL.
  Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
  CONTACT FUNCTIONAL AREA PLATED : Au G/F
  CONTACT SOLDER AREA PLATED : Au G/F
 2–2.FRONT SHELL:
  Ni 30u" MIN. UNDER PLATED OVER ALL.
 2–3.MID PLATE:
  CLEAR ONLY
3.MECHANICAL PERFORMANCE,
 3–1.INSERTION FORCE: 0.5~2.0kgf.
 3–2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 3–3.DURABILITY: 10000 CYCLES.
4.ELECTRICAL PERFORMANCE,
 4–1. VOLTAGE RATING:5 V DC/AC (RMS. max)
  CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
  1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 4–2. LLCR:
  VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  LLCR MAX. CHANGE OF ALL PINS: 10mΩ. SHIELD: 50mΩ/MAX.
 4–3.INSULATION RESISTANCE: 100MΩ MIN
 4–4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
 OPERATING TEMPERATURE: –40°C~+85°C.
6.IR REFLOW:
 THE PEAK TEMPERATURE ON THE BOARD SHALL
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

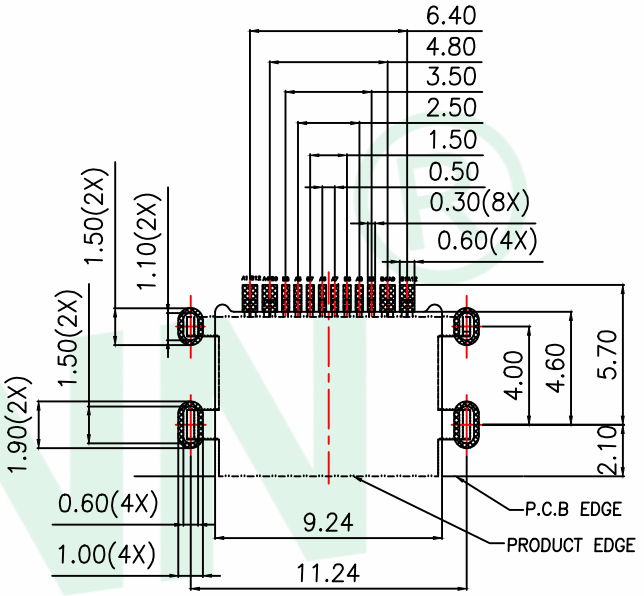
GENERAL TOLERANCE						DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD		BXCONN®
DIM.	TOL.					TITLE: USB CF 16PIN (L=6.5) MID MOUNT 0.8MM		
.X:	±0.30							
.XX:	±0.20							
.XXX:	±0.10							
GENERAL ANGLE:						DWG. NO.: UC01–0B16F08011	CHECKED: MAX	
X.X°:	±8°							
X.XX°:	±5°					PART NO.: UC01–0B16F08011	DRAWN: ELLA	
		UNIT: mm	SCALE: none	SHEET: 1 of 2	DWG. SIZE: A4	LAYER: bxconn	APPROVED: WILL	

REV.	DESCRIPTION	ECN NO.	NAME	DATE

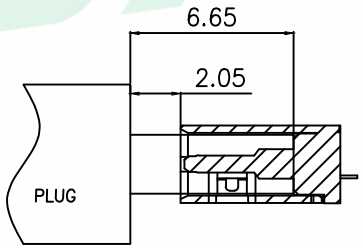
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



AFTER MATING

GENERAL TOLERANCE						DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD	
DIM.	TOL.					TITLE: USB CF 16PIN (L=6.5) MID MOUNT 0.8MM	
.X:	±0.30						
.XX:	±0.20					DWG. NO.: UC01-0B16F08011	CHECKED: MAX
.XXX:	±0.10						
GENERAL ANGLE:						PART NO.: UC01-0B16F08011	DRAWN: ELLA
X.X':	±8'						
X.XX':	±5'						
UNIT: mm	SCALE: none	SHEET: 2 of 2	DWG. SIZE: A4	LAYER: bxconn			APPROVED: WILL

WWW.BXCONN.COM 东莞市宝讯精密技术有限公司 ARTICLE: BX-CN-001-A