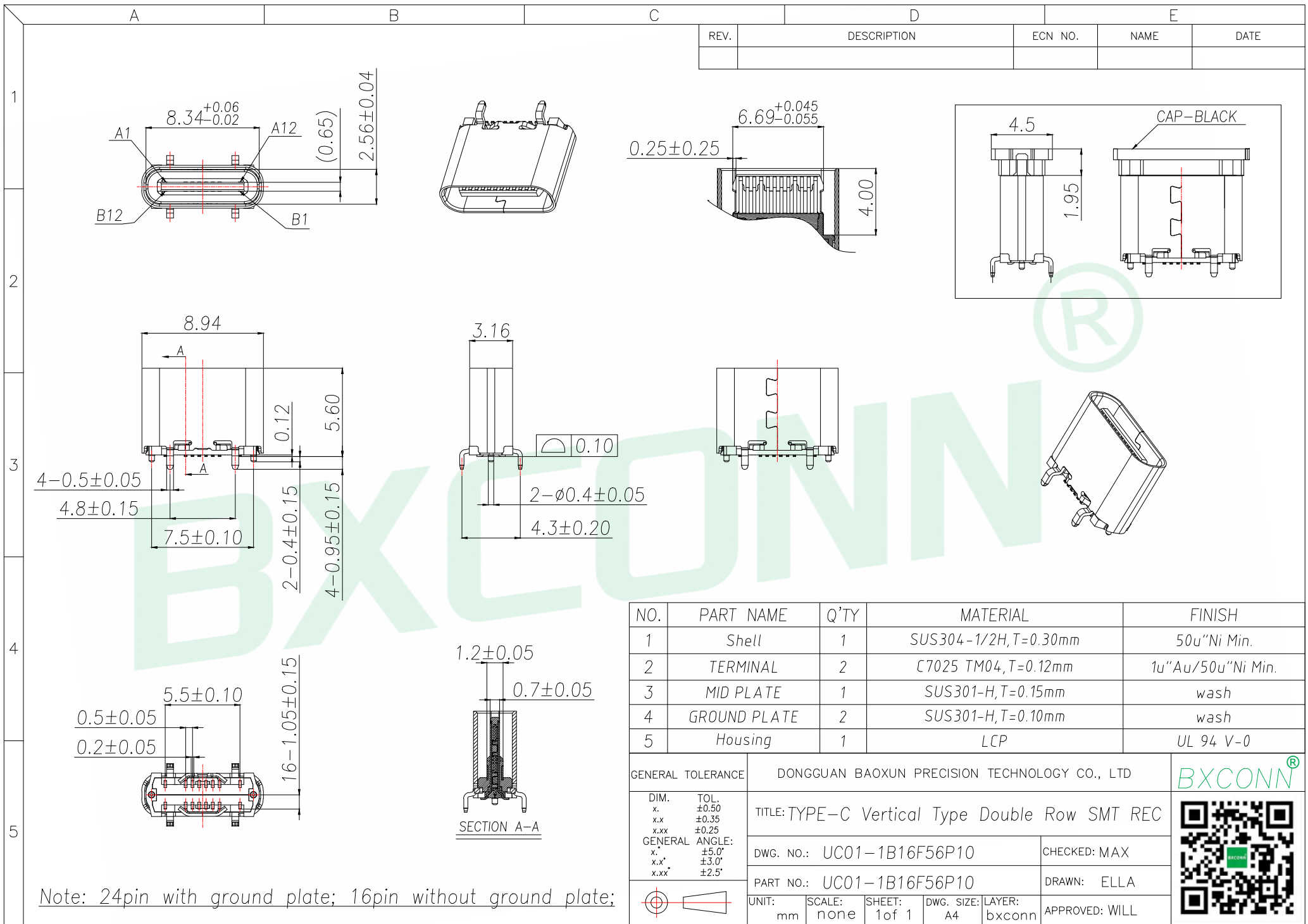




A

B

C

D

E

REV.

DESCRIPTION

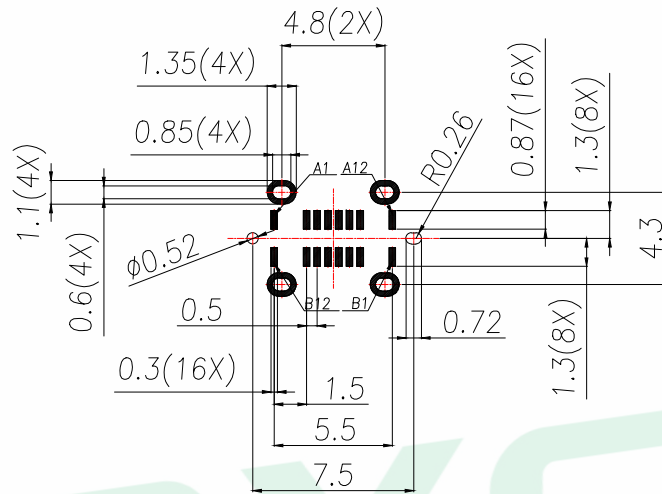
ECN NO.

NAME

DATE

1

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



TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

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

5

SPECIFICATION:

1. MATERIAL:

- 1-1.HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 COLOR:BLACK
- 1-2.CONTACTS:COPPER ALLOY $T=0.12\text{mm}$
- 1-3.SHELL:STAINLESS STEEL SUS304-1/2H, $T=0.30$
- 1-4.MID PLATE: STAINLESS STEEL(SUS301) $T=0.15\text{mm}$
- 1-5.EMI PLATE: STAINLESS STEEL(SUS301) $T=0.10\text{mm}$

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: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$;
- 5.2.WETTING TEMPERATURE: $265 \pm 5^{\circ}\text{C}, 5 \pm 0.5\text{s}$

GENERAL TOLERANCE

DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD

BXCONN[®]

DIM.
x.
x.x
x.xx
GENERAL ANGLE:
x.
x.x
x.xx

TOL.
 ± 0.50
 ± 0.35
 ± 0.25
 $\pm 5.0^{\circ}$
 $\pm 3.0^{\circ}$
 $\pm 2.5^{\circ}$

TITLE: TYPE-C Vertical Type Double Row SMT REC

DWG. NO.: UC01-1B16F56P10

CHECKED: MAX

PART NO.: UC01-1B16F56P10

DRAWN: ELLA

UNIT:

SCALE:

SHEET:

DWG. SIZE:

LAYER:

APPROVED: WILL



