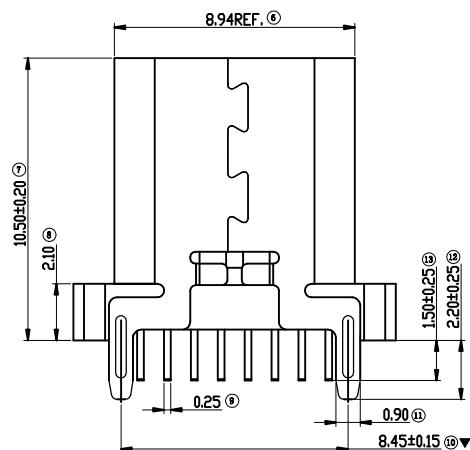
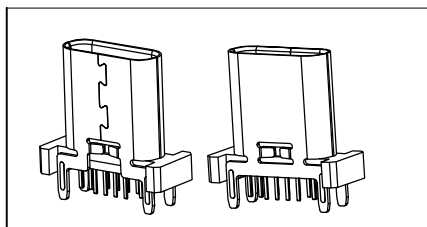
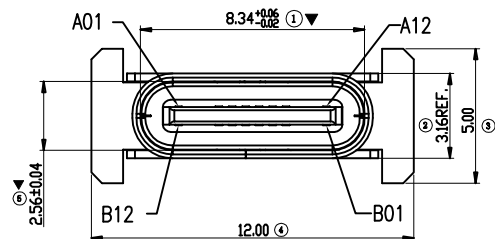
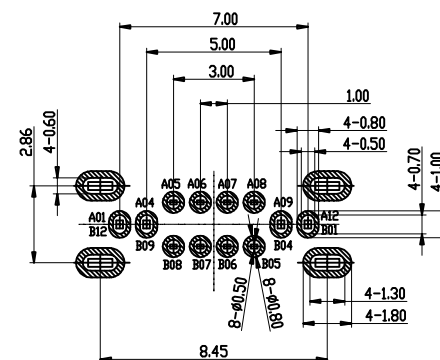


REV.	DATE	ECN.NO	MODIFY.CONTENT	APPROVER
A	2019.09.24		初版发行	JASON
A1	2022.09.09	RD00322090901	更新图纸	Abel



RECOMMENDED P.C.B. LAYOUT (俯视图)

TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.

2.CONTACTS: COPPER ALLOY

3.Shell: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.CONTACTS:

Ni UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

Au PLATING ON SOLDER AREA

2-2.FRONT SHELL:

Ni UNDER PLATED OVER ALL.

3. MECHANICAL PERFORMANCE.

3-1.INSERTION FORCE: 0.5~2.0kqf.

3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. CURRENT RATING: 3.0A

4-2.INSULATION RESISTANCE: 150V DC/100 MEGA OHMS MIN

4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

4-4.CONTACT RESISTANCE: 40mΩ

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: $-45^{\circ}\text{C}\sim+85^{\circ}\text{C}$.

LEAD FREE AND ROHS COMPLIANT PRODUCT

A1	GND	B12	GND	GENERAL TOLERANCE				UNITS mm		NAME(INTENDED USE)		ATOM®深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.								
A4	VBUS	B9	VBUS	SELECT	✓			MAT'L	USB											
A5	CC1	B8	SBU2	TOL. ON.	1	2	3		FINISH	PART NO.(INTENDED USE)		TITLE: Customer' drawing for USB TYPE-C 16P FEMALE DIP 180°外壳四脚插板 L=10.5								
A6	D+	B7	D-		X.XXX	±0.10	±0.15	±0.20		USB616FC-B2014301										
A7	D-	B6	D+	X.XX	±0.15	±0.20	±0.25	Q'TY	APPD: Jason		DWG NO.: ATOM-A05912									
A8	SBU1	B5	CC2	X.X	±0.20	±0.25	±0.30		CHKD: Abel											
A9	VBUS	B4	VBUS	X.X	±0.25	±0.30	±0.50		DR: Jessica		 <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>1:1</td><td>1/1</td><td>A1</td></tr></table>				SCALE	SHEET	REV.	1:1	1/1	A1
SCALE	SHEET	REV.																		
1:1	1/1	A1																		
A12	GND	B1	GND	X.	±0.25	±0.30	±0.50													
PIN	SIGNAL NAME	PIN	SIGNAL NAME	ANGLE	±3°															