

ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

REV.	DATE	ECN.NO	MODIFY.CONTENT	APPROVER
A	2017.07.25		初版发行	Jason

Specifications:

Material:

- 1.Housing: Thermoplastics,UL94V-0
- 2.Contact: Copper Alloy , Gold plated in contact area;
Plated Tin on solderarea Plated Nickel under all
- 3.Shell: Stainless Steel, Nickel plated overall.

Electrical:

- 1.Current Rating: 3.0A
- 2.Contact Resistance: 40 mΩ MAX
- 3.Dielectric Withstanding Voltage: 100V AC for one minute
- 4.Insulation Resistance: 100 MΩ MIN

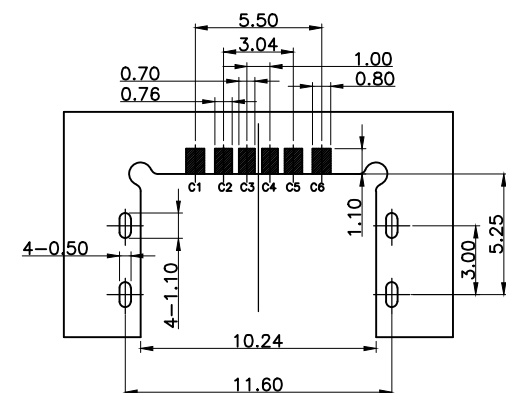
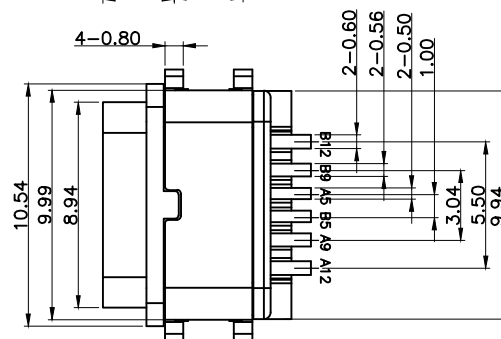
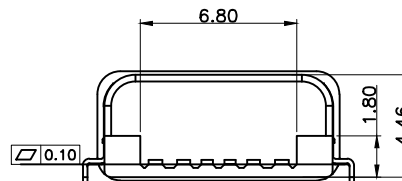
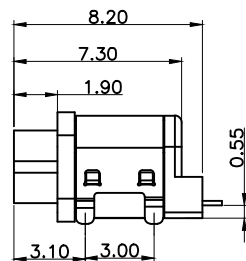
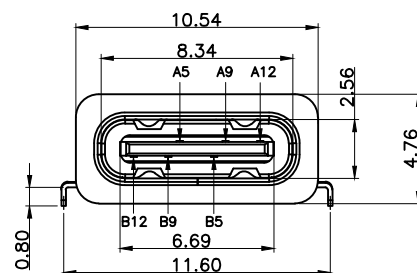
Environment characteristics:

- 1.Operating Temperature:-30°C~+85°C

Mechanical:

- 1.Insertion force: 5N~20N durability test after.
- 2.withdrawal force: 8N~20N durability test after.
- 3.Durability : 10000 Cycles

WATER PROOFNESS:THISPRODUCTIS BASED ON IPX7.



RECOMMENDED PCB PAD LAYOUT

REFERENCE TOLERANCE:±0.05mm

PIN NO	A1&B12	A4&B9	A5	B5	A9&B4	A12&B1
SIGNAL NAME	GND	VBUS	CC1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6

GENERAL TOLERANCE				UNITS	NAME(INTENDED USE)		ATOM®深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD					
SELECT	✓			MAT'L	USB		PART NO.(INTENDED USE) USB606FC-C1052202	TITLE: CUSTOMER DRAWING FOR USB 3.1 6P FEMALE SMT C TYPE 单排 沉板0.55 四脚插板 防水型				
ON TOL	1	2	3		FINISH			APPD: Jason	DWG NO.: ATOM-A04414			
X.XXX	±0.15	±0.05	±0.15	Q'TY	CHKD: Abel			SCALE			SHEET	REV.
X.XX	±0.25	±0.13	±0.25		DR: hujing			1:1			1/1	A
X.X	±0.30	±0.25	±0.50									
X.	±0.38	±0.38	±1.00									
ANGLE	±5°											