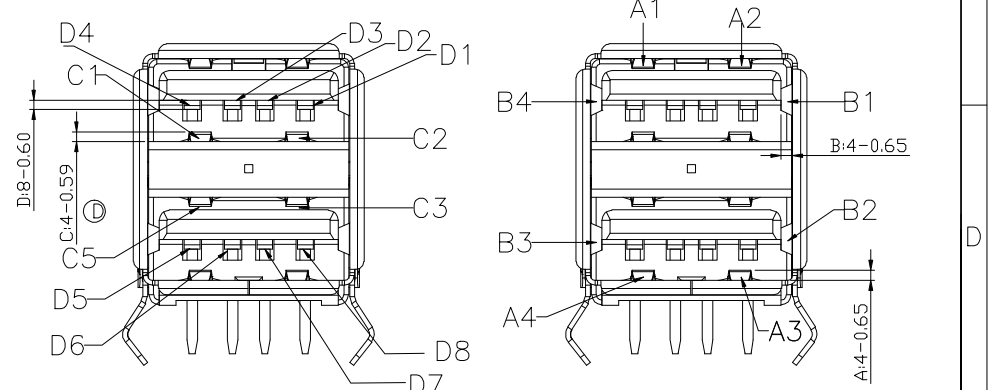


REV.	DATE	ECN NO.	MODIFICATION	APPROVER
E	2015/07/03	RD00315070301	依客户要求变更材质	JACK
F	2015/07/15	RD00315071501	依客户要求更新说明	Jason
F1	2016/02/16	RD00316021601	依客户要求变更外壳上层弹片角度, 优化插拔力	JACK

- Electrical Characteristics:
  - Voltage Current rating: 2.1AMP.Max.(Only suitable for the connector.)
  - Voltage rating: 30V rms max. (B)
  - Dielectric Withstanding Voltage: AC 500V R.M.S (F)
  - Insulation Resistance: 500MΩ MIN
  - Contact Resistance: 30mΩ MAX
- Environmental:
  - Operating Temperature: -40°C to 85°C (B)
- Mechanical Characteristics:
  - 3.1. Durability Cycles: 1500 insertion/extraction Cycles, Conductivity OK
  - 3.2. Insertion Force: 35N MAX(initial value) (F)  
(ADAPTIVE ATOM USB PLUG)
  - 3.3. Extraction Force: 10N Min (F)  
(Under our examination environment, After Durability Cycles: 1500 insertion/extraction Cycles, Over 10N/ extraction )
- Material
  - Housing: PBT White UL94v-0
  - Terminal: C5210R-H, T=0.25mm, plating:  
Underplate: 50-120u" nickel. Contact area: 1u" min gold (B)  
Solder tails: 120u" min bright tin over nickel (B)
  - (E) Shell: C2680R-EH, T=0.30mm Contact area, Plating Ni: 50u"-120u" (B)  
Cover: SPCC, T=0.30mm, Contact area, Plating Ni: 50u"-120u" (B)
  - (F) Clip: C2680R-EH, T=0.3mm Contact area, Plating Ni: 50u"-120u" (B)



GENERAL TOLERANCE				UNITS	NAME:	
SELECT	✓				mm	USB
TOL.	1	2	3	MAT'L	PART NO:	TITLE:
ON.					FINISH	USB304FA-A2009307
X.XXX	±0.15	±0.05	±0.15	Q'TY	APPD:	DWG NO.
X.XX	±0.25	±0.13	±0.25		Peter	ATOM-A02331
X.X	±0.30	±0.25	±0.50	CHKD:	SCALE	SHEET
X.	±0.38	±0.38	±1.00	Jason	1:1	1/1
ANGLE	±4'			DR:	REV	
				jack	F1	