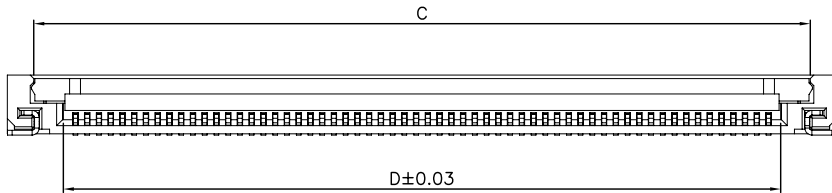
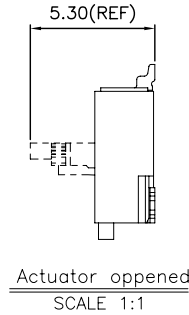
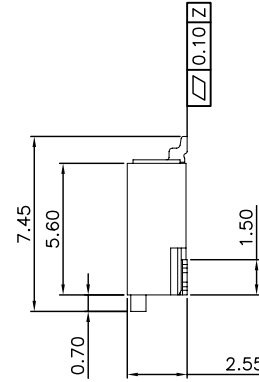
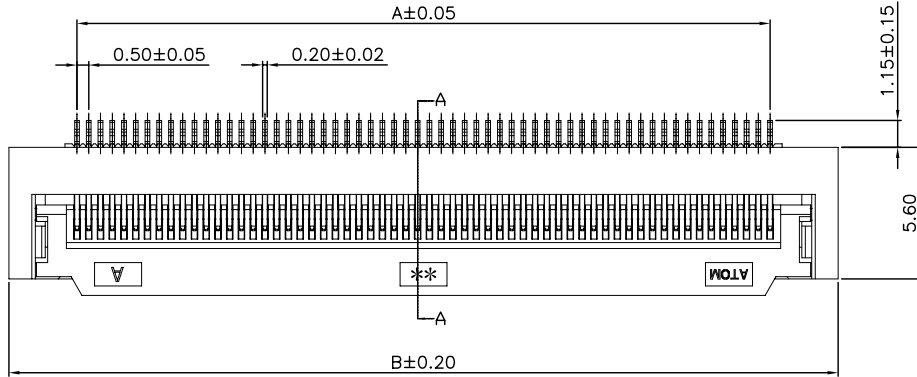
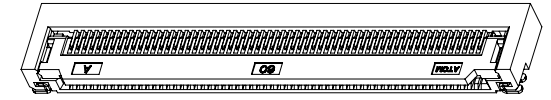
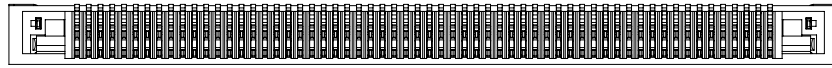


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

PITCH 0.5mm FPC CONNECTOR SMT TYPE

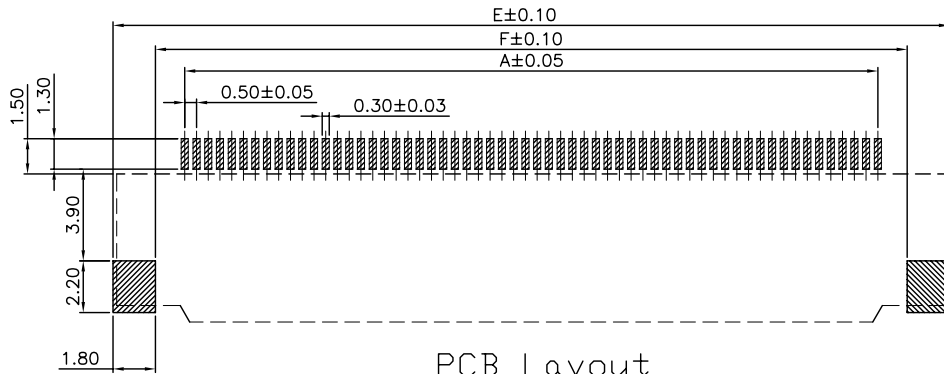
5	6	7	8
REV	DATE	ECN NO.	MODIFICATION
A	2014/03/12	/	NEW
			APPROVER
			Jason



SPECIFICATION

1. Material:
- Housing: Thermoplastic, UL94V-0, color: Natural .
 - Lock: Thermoplastic, UL94V-0, color: black.
 - Contacts: Copper alloy,
 - Tin/Gold plated over nickel plated (50 u" min)
 - Solder tab: Copper alloy,
 - Tin/Gold plated over nickel plated (50 u" min)

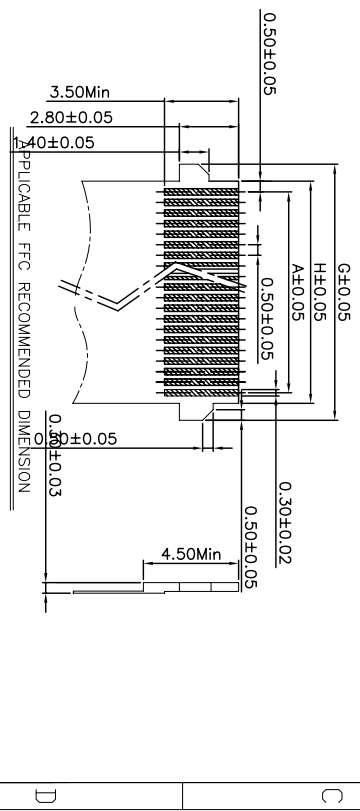
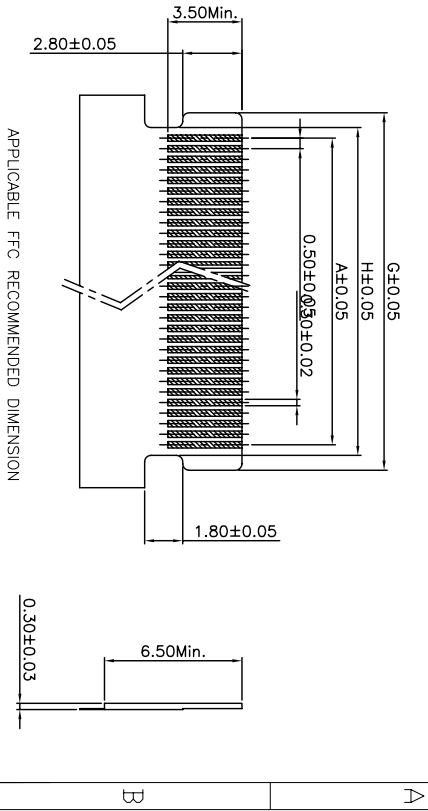
2. Electrical Characteristics:
- Voltage rating: 50V(max).
 - Current rating : 0.5A(max).
 - Operating Temperature: -40°C~+85°C.
 - Insulation resistance: 500MΩ min. at 500VDC
 - Dielectric withstanding voltage: 500 VAC/1minute.
 - Contact resistance: 30mΩ max.



PCB Layout

GENERAL TOLERANCE	UNITS mm	NAME:	FPC	ATOM [®] 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.		
SELECT	✓	MAT'L	PART NO:	TITLE: 0.5mm FPC 掀盖式 (H=2.55mm)		
DN.	TOL		FPC050**-43***	APPD:	Jason	DWG NO.
X.XXX	±0.10	±0.05	±0.15	CHKD:	Vicky	ATOM-A02107
X.XX	±0.15	±0.13	±0.25	DR:	xh	SCALE
X.X	±0.20	±0.25	±0.5			1:1
X.	±0.30	±0.38	±1.00			SHEET
ANGLE	±2°					1/2
						REV
						A

PLX NO.	A	B	C	D	E	F	G	H
33P	16.00	21.80	19.55	17.10	22.10	18.50	18.60	17.00
34P	16.50	22.30	20.05	17.60	22.60	19.00	19.10	17.50
35P	17.00	22.80	20.55	18.10	23.10	19.50	19.60	18.00
36P	17.50	23.30	21.05	18.60	23.60	20.00	20.10	18.50
37P	18.00	23.80	21.55	19.10	24.10	20.50	20.60	19.00
38P	18.50	24.30	22.05	19.60	24.60	21.00	21.10	19.50
39P	19.00	24.80	22.55	20.10	25.10	21.50	21.60	20.00
40P	19.50	25.30	23.05	20.60	25.60	22.00	22.10	20.50
41P	20.00	25.80	23.55	21.10	26.10	22.50	22.60	21.00
42P	20.50	26.30	24.05	21.60	26.60	23.00	23.10	21.50
43P	21.00	26.80	24.55	22.10	27.10	23.50	23.60	22.00
44P	21.50	27.30	25.05	22.60	27.60	24.00	24.10	22.50
45P	22.00	27.80	25.55	23.10	28.10	24.50	24.60	23.00
46P	22.50	28.30	26.05	23.60	28.60	25.00	25.10	23.50
47P	23.00	28.80	26.55	24.10	29.10	25.50	25.60	24.00
48P	23.50	29.30	27.05	24.60	29.60	26.00	26.10	24.50
49P	24.00	29.80	27.55	25.10	30.10	26.50	26.60	25.00
50P	24.50	30.30	28.05	25.60	30.60	27.00	27.10	25.50
51P	25.00	30.80	28.55	26.10	31.10	27.50	27.60	26.00
52P	25.50	31.30	29.05	26.60	31.60	28.00	28.10	26.50
53P	26.00	31.80	29.55	27.10	32.10	28.50	28.60	27.00
54P	26.50	32.30	30.05	27.60	32.60	29.00	29.10	27.50
55P	27.00	32.80	30.55	28.10	33.10	29.50	29.60	28.00
56P	27.50	33.30	31.05	28.60	33.60	30.00	30.10	28.50
57P	28.00	33.80	31.55	29.10	34.10	30.50	30.60	29.00
58P	28.50	34.30	32.05	29.60	34.60	31.00	31.10	29.50
59P	29.00	34.80	32.55	30.10	35.10	31.50	31.60	30.00
60P	29.50	35.30	33.05	30.60	35.60	32.00	32.10	30.50



GENERAL TOLERANCE:		UNITS		NAME:		FPC		ATOM®		深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.	
SELECT	✓	mm		PART NO:		FPC050**_43***		TITLE: 0.5mm FPC 掀盖式 (H=2.55mm)		DWG NO.	
DN	1 2 3	FINISH		APPD:		Jason		SCALE		SHEET	
XXX	±0.10 ±0.05 ±0.15	MAT'L		CHKD:		Vicky		1:1		2/2	
XX	±0.20 ±0.05 ±0.5	Q'TY		DR:		xh		REV		A	
X	±0.30 ±0.08 ±1.00	ANGLE		±2°							

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