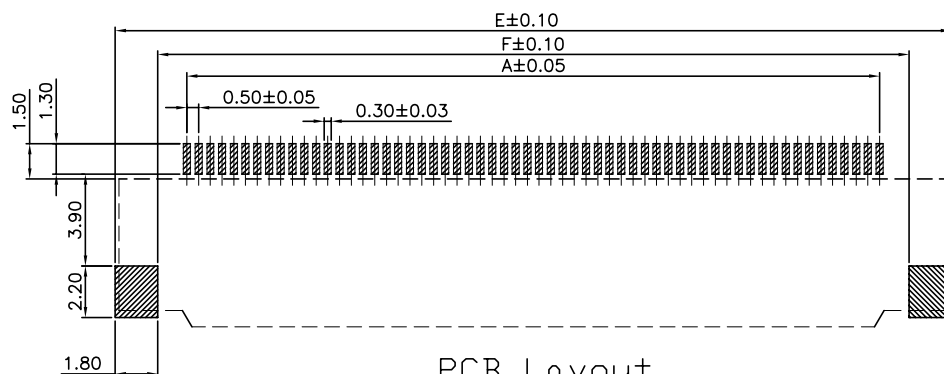
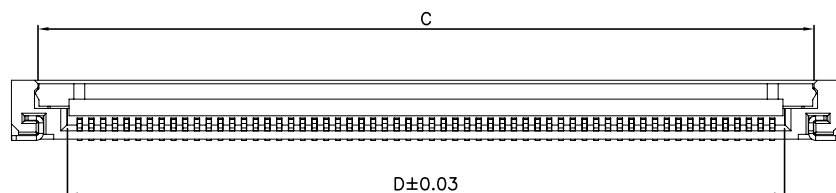
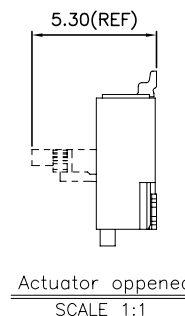
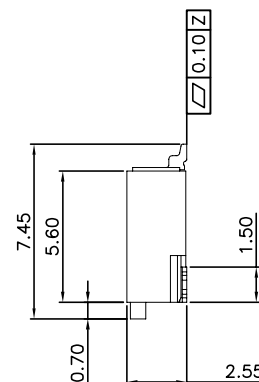
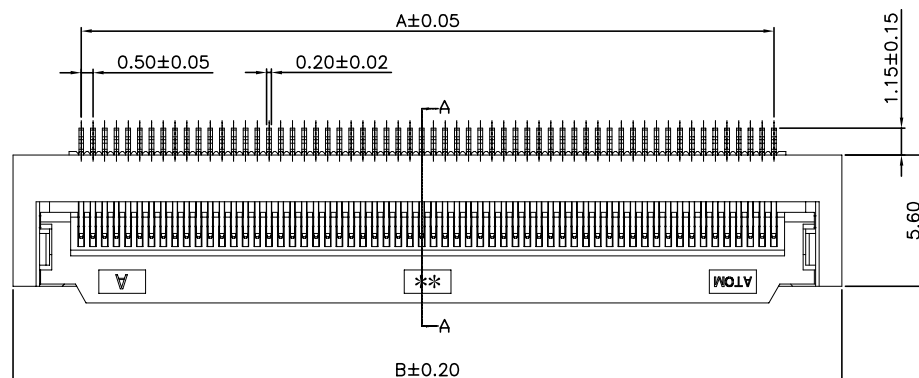
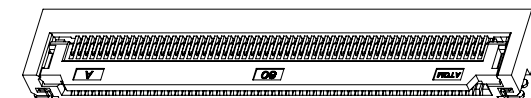


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

PITCH 0.5mm FPC CONNECTOR SMT TYPE

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



PCB Layout

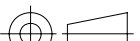
SPECIFICATION

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:

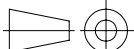
Voltage rating: 50V(max).
Current rating : 0.5A(max).
Operating Temperature: -40°C~+85°C.
Insulation resistance: 500MΩ min. at 500VDC
Dielectric withstanding voltage: 500 VAC/1minute.
Contact resistance: 30mΩ max.

GENERAL TOLERANCE				UNITS mm		NAME: FPC		ATOM[®] 深圳市愛特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.			
SELECT	☒	☐	☐	PART NO: FPC050**-43***		TITLE: 0.5mm FPC 掀盖式 (H=2.55mm)					
TOL	1	2	3								
DN.	±0.10	±0.05	±0.15	APPD: Jason		DWG NO. ATOM-A02107					
X.XX	±0.15	±0.10	±0.25								
X.X	±0.20	±0.25	±0.5	CHKD: Vicky		 SCALE SHEET REV 1:1 1/2 A					
X.	±0.30	±0.38	±1.00								
ANGLE	±2°			DR: xh							
5				6		7				8	

PIN NO.	A	B	C	D	E	F	G	H	I	A	B	C	D	E	F	G	H	I
4P	1.50	2.30	5.05	2.60	7.60	4.00	4.10	2.50	33P	16.00	21.80	19.55	17.10	22.10	18.50	18.60	17.00	
5P	2.00	7.80	5.55	3.10	8.10	4.50	4.60	3.00	34P	16.50	22.30	20.05	17.60	22.60	19.00	19.10	17.50	
6P	2.50	8.30	6.05	3.60	8.60	5.00	5.10	3.50	35P	17.00	22.80	20.55	18.10	23.10	19.50	19.60	18.00	
7P	3.00	8.80	6.55	4.10	9.10	5.50	5.60	4.00	36P	17.50	23.30	21.05	18.60	23.60	20.00	20.10	18.50	
8P	3.50	9.30	7.05	4.60	9.60	6.00	6.10	4.50	37P	18.00	23.80	21.55	19.10	24.10	20.50	20.60	19.00	
9P	4.00	9.80	7.55	5.10	10.10	6.50	6.60	5.00	38P	18.50	24.30	22.05	19.60	24.60	21.00	21.10	19.50	
10P	4.50	10.30	8.05	5.60	10.60	7.00	7.10	5.50	39P	19.00	24.80	22.55	20.10	25.10	21.50	21.60	20.00	
11P	5.00	10.80	8.55	6.10	11.10	7.50	7.60	6.00	40P	19.50	25.30	23.05	20.60	25.60	22.00	22.10	20.50	
12P	5.50	11.30	9.05	6.60	11.60	8.00	8.10	6.50	41P	20.00	25.80	23.55	21.10	26.10	22.50	22.60	21.00	
13P	6.00	11.80	9.55	7.10	12.10	8.50	8.60	7.00	42P	20.50	26.30	24.05	21.60	26.60	23.00	23.10	21.50	
14P	6.50	12.30	10.05	7.60	12.60	9.00	9.10	7.50	43P	21.00	26.80	24.55	22.10	27.10	23.50	23.60	22.00	
15P	7.00	12.80	10.55	8.10	13.10	9.50	9.60	8.00	44P	21.50	27.30	25.05	22.60	27.60	24.00	24.10	22.50	
16P	7.50	13.30	11.05	8.60	13.60	10.00	10.10	8.50	45P	22.00	27.80	25.55	23.10	28.10	24.50	24.60	23.00	
17P	8.00	13.80	11.55	9.10	14.10	10.50	10.60	9.00	46P	22.50	28.30	26.05	23.60	28.60	25.00	25.10	23.50	
18P	8.50	14.30	12.05	9.60	14.60	11.00	11.10	9.50	47P	23.00	28.80	26.55	24.10	29.10	25.50	25.60	24.00	
19P	9.00	14.80	12.55	10.10	15.10	11.50	11.60	10.00	48P	23.50	29.30	27.05	24.60	29.60	26.00	26.10	24.50	
20P	9.50	15.30	13.05	10.60	15.60	12.00	12.10	10.50	49P	24.00	29.80	27.55	25.10	30.10	26.50	26.60	25.00	
21P	10.00	15.80	13.55	11.10	16.10	12.50	12.60	11.00	50P	24.50	30.30	28.05	25.60	30.60	27.00	27.10	25.50	
22P	10.50	16.30	14.05	11.60	16.60	13.00	13.10	11.50	51P	25.00	30.80	28.55	26.10	31.10	27.50	27.60	26.00	
23P	11.00	16.80	14.55	12.10	17.10	13.50	13.60	12.00	52P	25.50	31.30	29.05	26.60	31.60	28.00	28.10	26.50	
24P	11.50	17.30	15.05	12.60	17.60	14.00	14.10	12.50	53P	26.00	31.80	29.55	27.10	32.10	28.50	28.60	27.00	
25P	12.00	17.80	15.55	13.10	18.10	14.50	14.60	13.00	54P	26.50	32.30	30.05	27.60	32.60	29.00	29.10	27.50	
26P	12.50	18.30	16.05	13.60	18.60	15.00	15.10	13.50	55P	27.00	32.80	30.55	28.10	33.10	29.50	29.60	28.00	
27P	13.00	18.80	16.55	14.10	19.10	15.50	15.60	14.00	56P	27.50	33.30	31.05	28.60	33.60	30.00	30.10	28.50	
28P	13.50	19.30	17.05	14.60	19.60	16.00	16.10	14.50	57P	28.00	33.80	31.55	29.10	34.10	30.50	30.60	29.00	
29P	14.00	19.80	17.55	15.10	20.10	16.50	16.60	15.00	58P	28.50	34.30	32.05	29.60	34.60	31.00	31.10	29.50	
30P	14.50	20.30	18.05	15.60	20.60	17.00	17.10	15.50	59P	29.00	34.80	32.55	30.10	35.10	31.50	31.60	30.00	
31P	15.00	20.80	18.55	16.10	21.10	17.50	17.60	16.00	60P	29.50	35.30	33.05	30.60	35.60	32.00	32.10	30.50	
32P	15.50	21.30	19.05	16.60	21.60	18.00	18.10	16.50										

GENERAL TOLERANCE		SELECT		DN.		X XXXX		X XX		X X		X		ANGLE	
TOL		1		2		±0.10		±0.05		±0.025		±0.30		±2°	
TOL		3				±0.15		±0.13		±0.25		±0.38			

UNITS		MATERIAL		PART NO.		FPC		NAME:	
mm				FPC050**~43***					
				APPD: Jason					
				CHKD: Vicky					
				DR: xh					

7		8	
		1:1	2/2
		SCALE	SHEET
			REV
ATOM-A02107			
DWG NO.			
TITLE: 0.5mm FPC 掀盖式 (H=2.55mm)			
SHENZHEN ATOM TECHNOLOGY CO., LTD.			
深圳市爱特姆科技有限公司			
ATOM®			