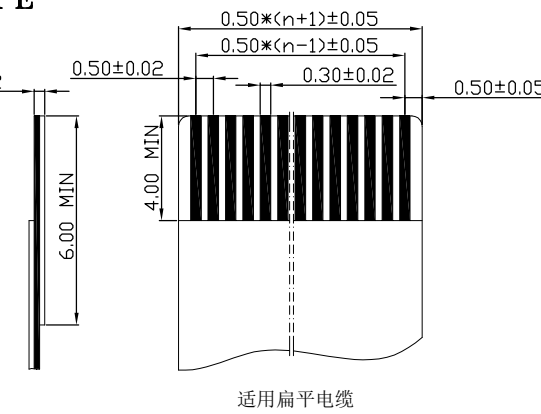
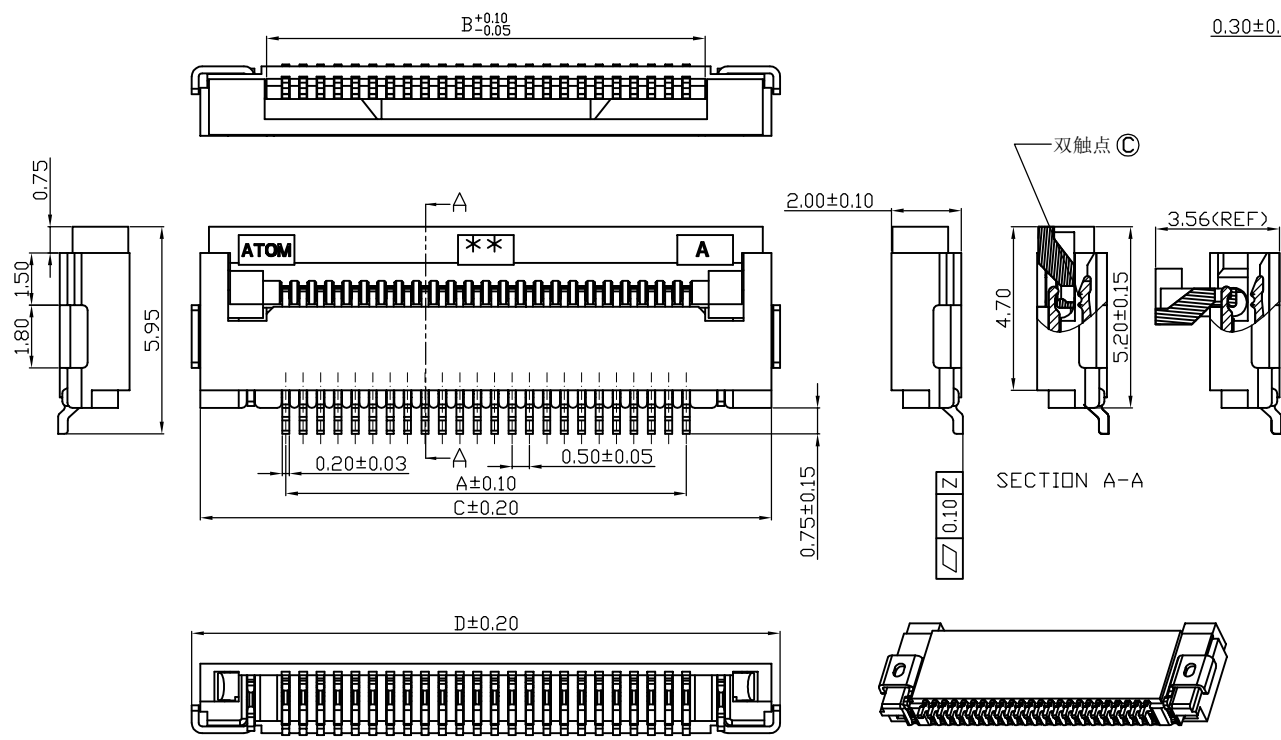


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

### PITCH 0.5mm FPC CONNECTOR SMT TYPE

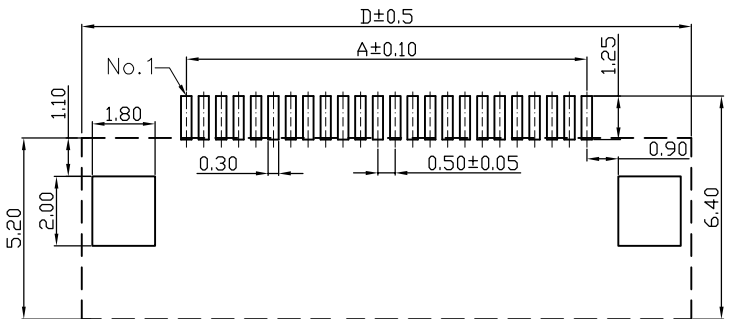
REV.	DATE	MODIFICATION	APPROVER
B	10.12.15	版本升级	HYQ
C	10.12.17	触点结构优化	JACKSON



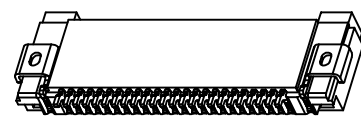
孔位	A	B	C	D
4	1.50	2.60	6.40	6.90
5	2.00	3.10	6.90	7.40
6	2.50	3.60	7.40	7.90
7	3.00	4.10	7.90	8.40
8	3.50	4.60	8.40	8.90
9	4.00	5.10	8.90	9.40
10	4.50	5.60	9.40	9.90
11	5.00	6.10	9.90	10.40
12	5.50	6.60	10.40	10.90
13	6.00	7.10	10.90	11.40
14	6.50	7.60	11.40	11.90
15	7.00	8.10	11.90	12.40
16	7.50	8.60	12.40	12.90
17	8.00	9.10	12.90	13.40
18	8.50	9.60	13.40	13.90
19	9.00	10.10	13.90	14.40
20	9.50	10.60	14.40	14.90
21	10.00	11.10	14.90	15.40
22	10.50	11.60	15.40	15.90
23	11.00	12.10	15.90	16.40
24	11.50	12.60	16.40	16.90
25	12.00	13.10	16.90	17.40
26	12.50	13.60	17.40	17.90
27	13.00	14.10	17.90	18.40
28	13.50	14.60	18.40	18.90
29	14.00	15.10	18.90	19.40
30	14.50	15.60	19.40	19.90
31	15.00	16.10	19.90	20.40
32	15.50	16.60	20.40	20.90
33	16.00	17.10	20.90	21.40
34	16.50	17.60	21.40	21.90
35	17.00	18.10	21.90	22.40
36	17.50	18.60	22.40	22.90
37	18.00	19.10	22.90	23.40
38	18.50	19.60	23.40	23.90
39	19.00	20.10	23.90	24.40
40	19.50	20.60	24.40	24.90
41	20.00	21.10	24.90	25.40
42	20.50	21.60	25.40	25.90
43	21.00	22.10	25.90	26.40
44	21.50	22.60	26.40	26.90
45	22.00	23.10	26.90	27.40
46	22.50	23.60	27.40	27.90
47	23.00	24.10	27.90	28.40
48	23.50	24.60	28.40	28.90
49	24.00	25.10	28.90	29.40
50	24.50	25.60	29.40	29.90
51	25.00	26.10	29.90	30.40
52	25.50	26.60	30.40	30.90
53	26.00	27.10	30.90	31.40
54	26.50	27.60	31.40	31.90
55	27.00	28.10	31.90	32.40
56	27.50	28.60	32.40	32.90
57	28.00	29.10	32.90	33.40
58	28.50	29.60	33.40	33.90
59	29.00	30.10	33.90	34.40
60	29.50	30.60	34.40	34.90

**SPECIFICATION**

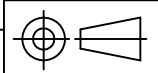
- Material:**  
 Housing: Thermoplastic, UL94V-0,color:Natural .  
 Lock: Thermoplastic, UL94V-0,color:black.  
 Contacts: Phosphor Bronze,  
 Tin/Gold plated over nickel plated  
 Solder tab: Phosphor Bronze  
 Tin/Gold plated over nickel plated
- Electrical Characteristics:**  
 Voltage rating: 50V(max).  
 Current rating : 0.5A(max).  
 Operating Temperature: -25°C~+85°C.  
 Insulation resistance: 500M ohms min. at 500VDC  
 Dielectric withstanding voltage: 250 VAC/1minute.  
 Contact resistance: 20m ohms max.



PCB Layout



GENERAL TOLERANCE			UNITS	NAME:	<b>ATOM</b> ® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO.,LTD.
SELECT	✓		mm	0.5mm FPC 掀盖式	
DN.	TOL	1 2 3	MAT'L	PART NO:	TITLE:
X.XXX	±0.10±0.05±0.15			F050**-09***	0.5mm FPC 掀盖式 (H=2.0mm)
X.XX	±0.15±0.13±0.25		FINISH	APPD:	DWG NO.
X.X	±0.20±0.25±0.5			hyq	ATOM-A01135
X.	±0.30±0.36±1.00		Q'TY	CHKD:	
ANGLE	±2°			Vicky	
				DR:	
				David	



SCALE	SHEET	REV
1:1	1 OF 1	C

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[046298003000883](#) [151660622](#) [842-816-2630-035](#) [AYF530665TA](#) [AYF351525](#) [046296011930846+](#) [AYF352325A](#) [046254020000800+](#)  
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