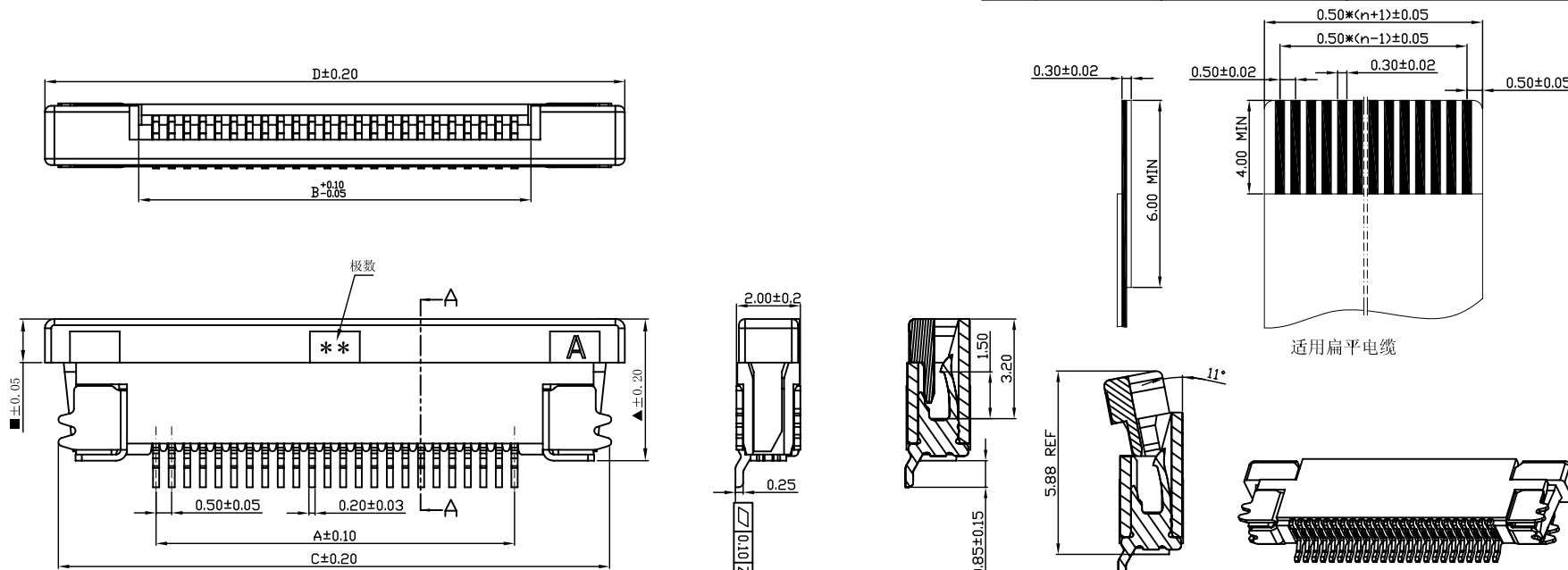


ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

PITCH 0.5mm FPC CONNECTOR SMT TYPE

REV	DATE	ECN NO.	MODIFICATION	APPROVER
B	2010/12/15	RD00310121501	版本升级	HYQ
C	2012/04/13	RD00312021301	重新整理图面	Jason_Lee



NO.	A	B	C	D
4	1.50	2.60	7.74	8.60
5	2.00	3.10	8.24	9.10
6	2.50	3.60	8.74	9.60
7	3.00	4.10	9.24	10.10
8	3.50	4.60	9.74	10.60
9	4.00	5.10	10.24	11.10
10	4.50	5.60	10.74	11.60
11	5.00	6.10	11.24	12.10
12	5.50	6.60	11.74	12.60
13	6.00	7.10	12.24	13.10
14	6.50	7.60	12.74	13.60
15	7.00	8.10	13.24	14.10
16	7.50	8.60	13.74	14.60
17	8.00	9.10	14.24	15.10
18	8.50	9.60	14.74	15.60
19	9.00	10.10	15.24	16.10
20	9.50	10.60	15.74	16.60
21	10.00	11.10	16.24	17.10
22	10.50	11.60	16.74	17.60
23	11.00	12.10	17.24	18.10
24	11.50	12.60	17.74	18.60
25	12.00	13.10	18.24	19.10
26	12.50	13.60	18.74	19.60
27	13.00	14.10	19.24	20.10
28	13.50	14.60	19.74	20.60
29	14.00	15.10	20.24	21.10
30	14.50	15.60	20.74	21.60
31	15.00	16.10	21.24	22.10
32	15.50	16.60	21.74	22.60
33	16.00	17.10	22.24	23.10
34	16.50	17.60	22.74	23.60
35	17.00	18.10	23.24	24.10
36	17.50	18.60	23.74	24.60
37	18.00	19.10	24.24	25.10
38	18.50	19.60	24.74	25.60
39	19.00	20.10	25.24	26.10
40	19.50	20.60	25.74	26.60
41	20.00	21.10	26.24	27.10
42	20.50	21.60	26.74	27.60
43	21.00	22.10	27.24	28.10
44	21.50	22.60	27.74	28.60
45	22.00	23.10	28.24	29.10
46	22.50	23.60	28.74	29.60
47	23.00	24.10	29.24	30.10
48	23.50	24.60	29.74	30.60
49	24.00	25.10	30.24	31.10
50	24.50	25.60	30.74	31.60
51	25.00	26.10	31.24	32.10
52	25.50	26.60	31.74	32.60
53	26.00	27.10	32.24	33.10
54	26.50	27.60	32.74	33.60
55	27.00	28.10	33.24	34.10
56	27.50	28.60	33.74	34.60
57	28.00	29.10	34.24	35.10
58	28.50	29.60	34.74	35.60
59	29.00	30.10	35.24	36.10
60	29.50	30.60	35.74	36.60

适用扁平电缆

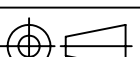
SPECIFICATION

- 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)
- 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.

NOTES:

- "▲"Dimension:
 - 4Pin~29Pin: 4.55mm;
 - 30Pin~45Pin: 4.75mm;
 - 46Pin~60Pin: 5.15mm;
- "■"Dimension:
 - 4Pin~29Pin: 1.40mm;
 - 30Pin~45Pin: 1.60mm;
 - 46Pin~60Pin: 2.00mm;

PCB Layout

GENERAL TOLERANCE				UNITS mm		NAME: 0.5mm FPC Connector (半包)		ATOM® 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.		
SELECT	☒			MAT'L		PART NO: FPC050**~07***		TITLE: 0.5mm FPC 半包卧式上接 (H=2.0mm)		
TOL	1	2	3	FINISH		APPD: Jason_Lee		DWG NO. ATOM-A01465		
DN.	1	2	3			CHKD: Vicky				
X.XXX	±0.10	±0.05	±0.15			DR: Aimee				
X.XX	±0.15	±0.13	±0.25	Q'TY				SCALE	SHEET	REV
X.X	±0.20	±0.25	±0.5					1:1	1/1	C
X.	±0.30	±0.38	±1.00							
ANGLE	±2°									