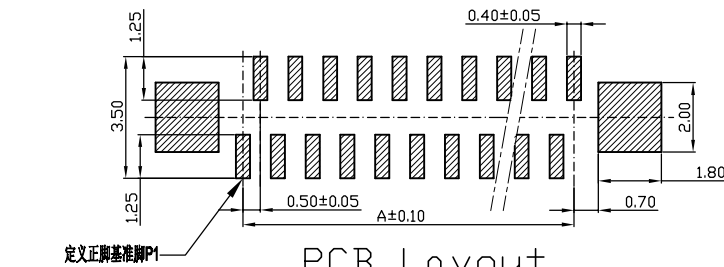
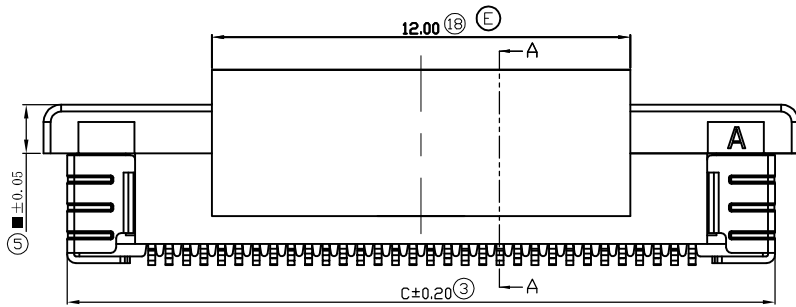
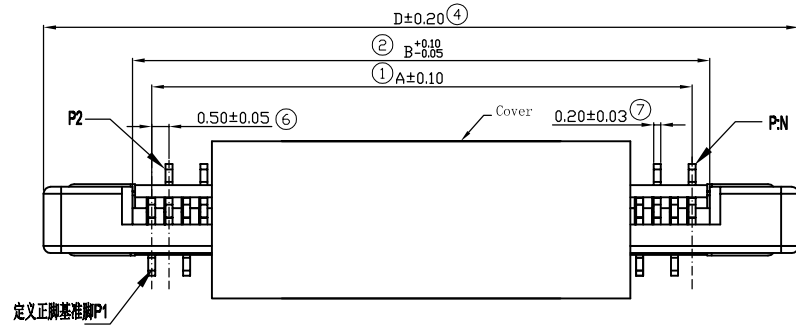


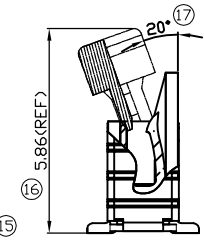
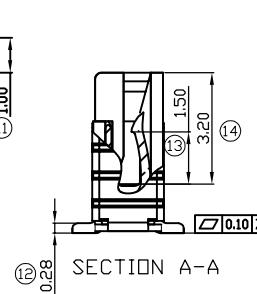
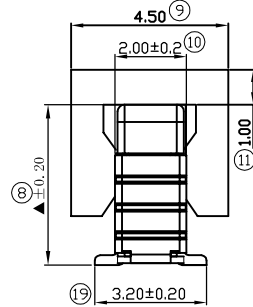
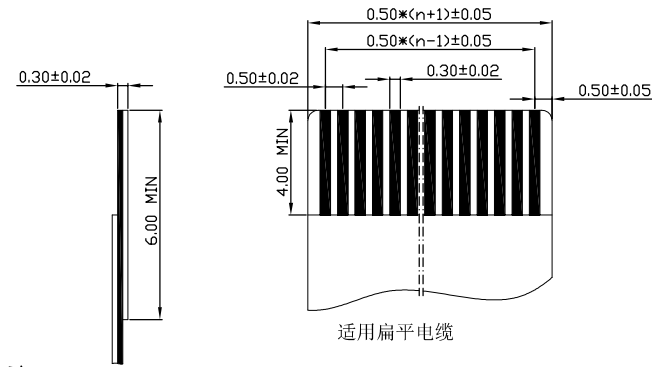
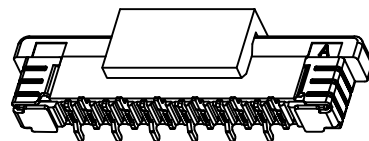
ACAD GENERATED DRAWING. DON'T CHANGE BY HAND

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
D	2018/04/17	RD00318041703	夹持盖加长为12mm, 改为30pin以上pin位用	Jason_Lee
E	2023/11/02	RD00323110201	统一夹持盖使用PIN位, 25PIN及以下用倒角L8mm, 26PIN及以上用无倒角L12mm夹持盖	ABEL



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)
Cover: Thermoplastic, UL94V-0,color:Natural.

2.Electrical Characteristics:

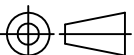
Voltage rating: 50V(max).
Current rating : 0.5A(max).
Operating Temperature: -25°C~+85°C.
Insulation resistance: 500M ohms min. at 500VDC
Dielectric withstanding voltage: 250 VAC/1minute.
Contact resistance: 20m ohms max.

NOTES:

"▲"Dimension:
4Pin~29Pin: 4.60mm;
30Pin~45Pin: 4.80mm;
46Pin~60Pin: 5.20mm;

"■"Dimension:
4Pin~29Pin: 1.40mm;
30Pin~45Pin: 1.60mm;
46Pin~60Pin: 2.00mm;

PIN NO.	A	B	C	D	PIN NO.	A	B	C	D
4P	1.50	2.60	6.30	7.65	33P	16.00	17.10	20.80	22.15
5P	2.00	3.10	6.80	8.15	34P	16.50	17.60	21.30	22.65
6P	2.50	3.60	7.30	8.65	35P	17.00	18.10	21.80	23.15
7P	3.00	4.10	7.80	9.15	36P	17.50	18.60	22.30	23.65
8P	3.50	4.60	8.30	9.65	37P	18.00	19.10	22.80	24.15
9P	4.00	5.10	8.80	10.15	38P	18.50	19.60	23.30	24.65
10P	4.50	5.60	9.30	10.65	39P	19.00	20.10	23.80	25.15
11P	5.00	6.10	9.80	11.15	40P	19.50	20.60	24.30	25.65
12P	5.50	6.60	10.30	11.65	41P	20.00	21.10	24.80	26.15
13P	6.00	7.10	10.80	12.15	42P	20.50	21.60	25.30	26.65
14P	6.50	7.60	11.30	12.65	43P	21.00	22.10	25.80	27.15
15P	7.00	8.10	11.80	13.15	44P	21.50	22.60	26.30	27.65
16P	7.50	8.60	12.10	13.65	45P	22.00	23.10	26.80	28.15
17P	8.00	9.10	12.80	14.15	46P	22.50	23.60	27.30	28.65
18P	8.50	9.60	13.30	14.65	47P	23.00	24.10	27.80	29.15
19P	9.00	10.10	13.80	15.15	48P	23.50	24.60	28.30	29.65
20P	9.50	10.60	14.30	15.65	49P	24.00	25.10	28.80	30.15
21P	10.00	11.10	14.80	16.15	50P	24.50	25.60	29.30	30.65
22P	10.50	11.60	15.30	16.65	51P	25.00	26.10	29.80	31.15
23P	11.00	12.10	15.80	17.15	52P	25.50	26.60	30.30	31.65
24P	11.50	12.60	16.30	17.65	53P	26.00	27.10	30.80	32.15
25P	12.00	13.10	16.80	18.15	54P	26.50	27.60	31.30	32.65
26P	12.50	13.60	17.30	18.65	55P	27.00	28.10	31.80	33.15
27P	13.00	14.10	17.80	19.15	56P	27.50	28.60	32.30	33.65
28P	13.50	14.60	18.30	19.65	57P	28.00	29.10	32.80	34.15
29P	14.00	15.10	18.80	20.15	58P	28.50	29.60	33.30	34.65
30P	14.50	15.60	19.30	20.65	59P	29.00	30.10	33.80	35.15
31P	15.00	16.10	19.80	21.15	60P	29.50	30.60	34.30	35.65
32P	15.50	16.60	20.30	21.65					

GENERAL TOLERANCE				UNITS mm		NAME:		ATOM [®] 深圳市爱特姆科技有限公司 SHENZHEN ATOM TECHNOLOGY CO., LTD.		
SELECT	✓					0.5mm FPC Connector				
TOL	1	2	3	MAT'L		PART NO:		TITLE: CUSTOMER DRAWING FOR 0.5mm FPC 立贴式(正脚)全包 (H=2.0mm)		
DN.										
X.XXX	±0.10	±0.05	±0.15	FINISH		APPD:		DWG NO. ATOM-A01496		
X.XX	±0.15	±0.13	±0.25			CHKD:				
X.X	±0.20	±0.25	±0.5			DR:				
X.	±0.30	±0.38	±1.00	Q'TY		TOM				
ANGLE	±2°									
								SCALE	SHEET	REV
								1:1	1/1	E