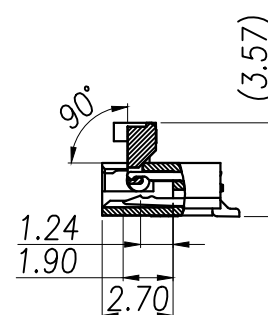
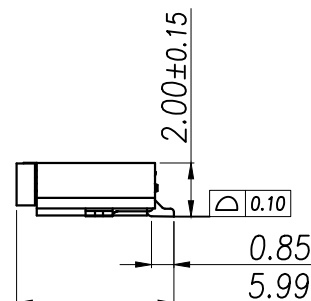
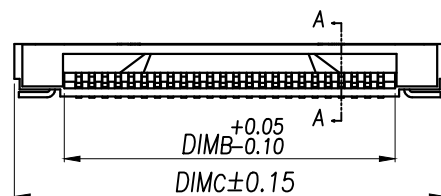
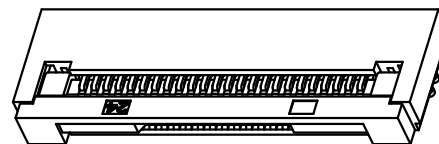
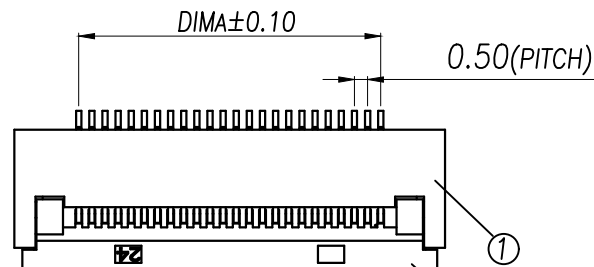
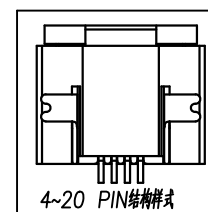
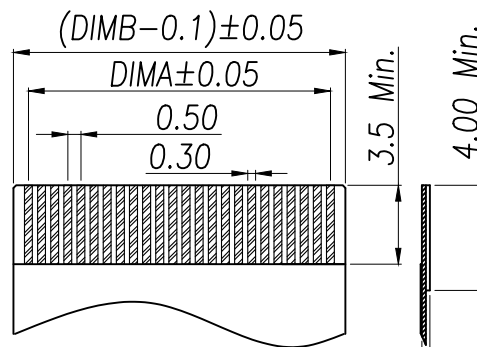
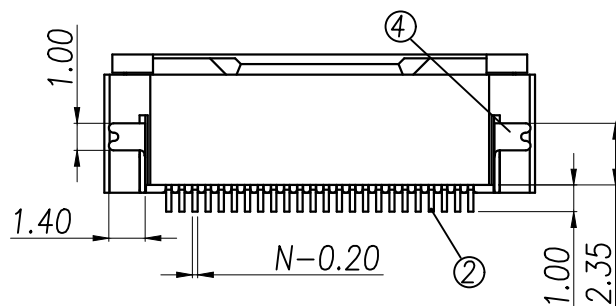


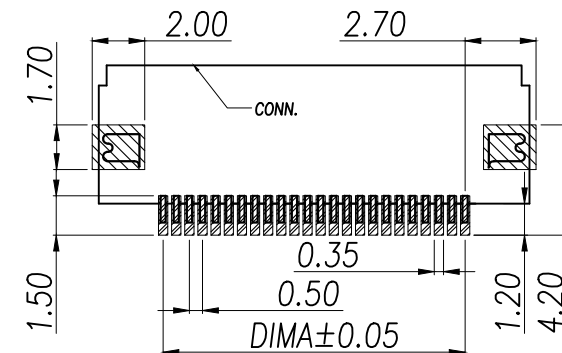
Part No	Pin	A	B	C
FPC-0.5FX-4PWCR	4	1.50	2.60	6.40
FPC-0.5FX-5PWCR	5	2.00	3.10	6.90
FPC-0.5FX-6PWCR	6	2.50	3.60	7.40
FPC-0.5FX-7PWCR	7	3.00	4.10	7.90
FPC-0.5FX-8PWCR	8	3.50	4.60	8.40
FPC-0.5FX-9PWCR	9	4.00	5.10	8.90
FPC-0.5FX-10PWCR	10	4.50	5.60	9.40
FPC-0.5FX-11PWCR	11	5.00	6.10	9.90
FPC-0.5FX-12PWCR	12	5.50	6.60	10.40
.....		...		
FPC-0.5FX-65PWCR	65	(65-1)*0.5	(65+1)*0.5+0.10	(65+9)*0.5-0.1



SECTION A-A



4~20 PIN结构样式



适用线路板(PCB LAYOUT)

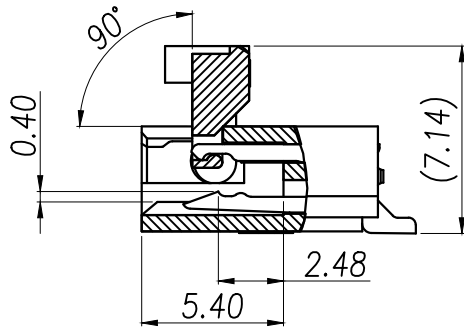
序号	品名	材质
1	0.5 Pitch 胶芯(H=2.0)	LCP UL94V-0 本色
2	0.5 Pitch 端子(H=2.0)	铜合金/表面镀锡
3	0.5 Pitch 后盖(H=2.0)	LCP UL94V-0 黑色
4	0.5 Pitch 焊片(H=2.0)	铜合金/表面镀锡

适用扁平线(Applicable Flat Cable)

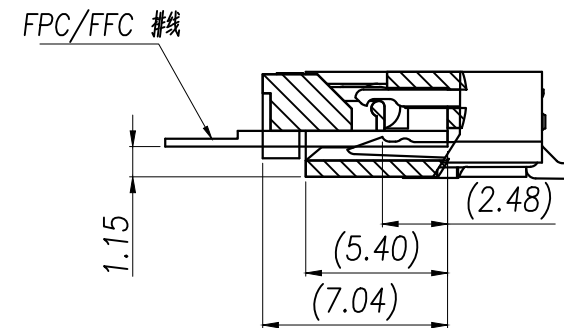
技术指标:

1. 塑件表面应光洁、无毛边、无明显收缩、缺陷、裂纹等现象。
2. 温度范围: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ 。
3. 额定电压: 50V, AC/DC。
4. 接触电阻: $\leq 0.03\Omega$ 。
5. 绝缘电阻: $\geq 500M\Omega$ 。

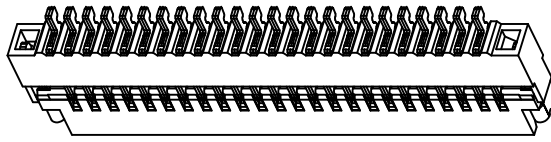
DIMENSION IN mm		厦门市辛译精密电子有限公司 Xiamen XinYi Xyconn Electronics Co.,Ltd			
TOLERANCE UNLESS OTHERWISE SPECIFIED		APR.	Alex	TITLE: 0.5 Pitch H2.0 Easy-on R/A Down Type CONN	
.X±0.3	X.*±5°	CHK.	Jack	DWG NO. XY-FPC-05-10-NRLTAG	
.XX±0.2	.X*±2	DRA.	Can	PROJ. CUSTOMER DRAWING	
.XXX±0.05	.XX*±1°	SIZE	A4	SCALE	1:1
		SHEET	1/1	REV.	A



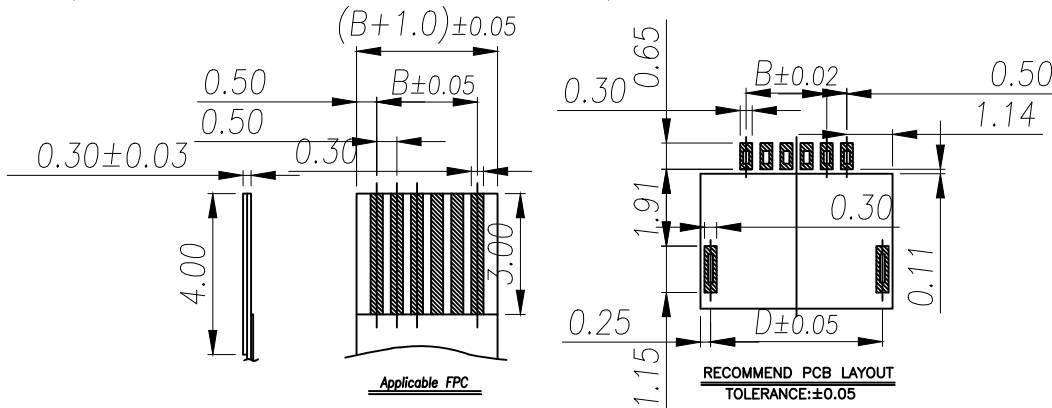
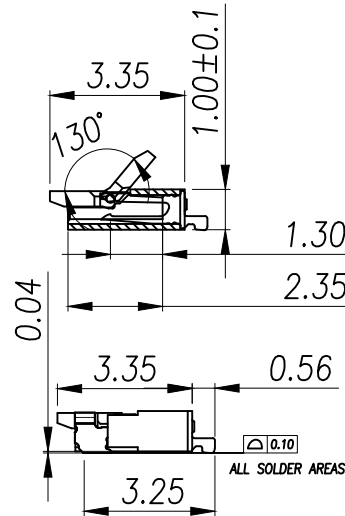
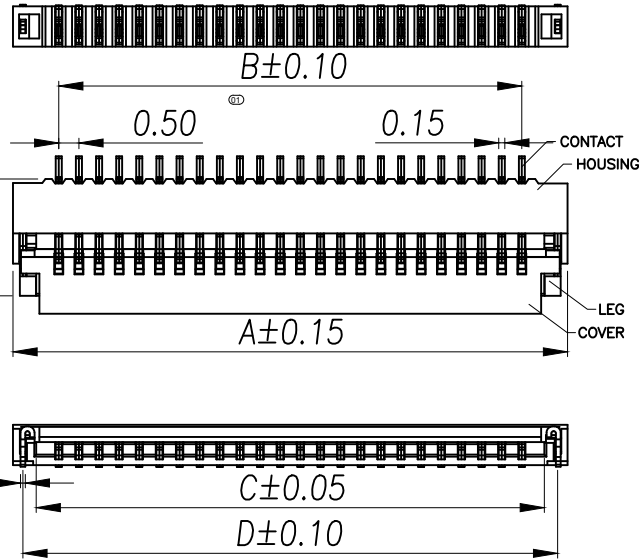
SECTION A-A
SCALE 2:1



DIMENSION IN mm		厦门市辛译精密电子有限公司 Xiamen XinYi Xyeconn Electronics Co.,Ltd			
TOLERANCE UNLESS OTHERWISE SPECIFIED					
.X±0.3	X.*± 5°	APR. Alex	TITLE: 0.5 Pitch H2.0 Easy-on R/A Down Type CONN		
.XX±0.2	.X*± 2	CHK. Jack	DWG NO. XY-FPC-05-10-NRLTAG		
.XXX±0.05	.XX*± 1°	DRA. Can	PROJ. 		CUSTOMER DRAWING
			SIZE A4	SCALE 1:1	SHEET 1 / 1



3D Drawing



Part No	Pin	A	B	C	D
XY-FPC-05-10-4RLTAG	4	3.77	1.50	2.60	3.27
XY-FPC-05-10-5RLTAG	5	4.27	2.00	3.10	3.77
XY-FPC-05-10-6RLTAG	6	4.77	2.50	3.60	4.27
XY-FPC-05-10-8RLTAG	8	5.77	3.50	4.60	5.27
XY-FPC-05-10-10RLTAG	10	6.77	4.50	5.60	6.27
XY-FPC-05-10-12RLTAG	12	7.77	5.50	6.60	7.27
XY-FPC-05-10-14RLTAG	14	8.77	6.50	7.60	8.27
XY-FPC-05-10-15RLTAG	15	9.27	7.00	8.10	8.77
XY-FPC-05-10-16RLTAG	16	9.77	7.50	8.60	9.27
XY-FPC-05-10-18RLTAG	18	10.77	8.50	9.60	10.27
XY-FPC-05-10-20RLTAG	20	11.77	9.50	10.60	11.27
XY-FPC-05-10-22RLTAG	22	12.77	10.50	11.60	12.27
XY-FPC-05-10-24RLTAG	24	13.77	11.50	12.60	13.27
n	n	n*0.5+1.77	(n-1)*0.5	n*0.5+0.6	n*0.5+1.27

NOTES:

1. MATERIAL:

HOUSING: HIGHT-TEMP PLASTIC,UL 94-V0,COLOR:WHITE;
COVER: HIGHT-TEMP PLASTIC,UL 94-V0,COLOR:BROWN;
CONTACT: COPPER ALLOY;
LEG: COPPER ALLOY;

2. PLATING:

CONTACT: GOLD OR TIN PLATED ON NICKEL OVERALL
LEG: TIN PLATED ON NICKEL OVERALL.

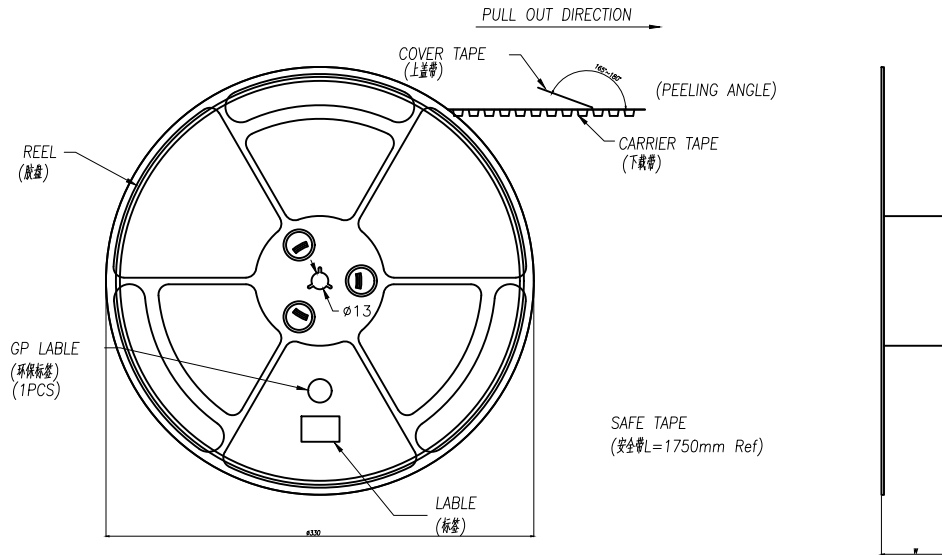
3. RATING:

CURRENT RATING: 0.4A AC/DC
VOLTAGE RATING: 50V AC/DC
TEMPERATURE RANGE: -55°C~+85°C;

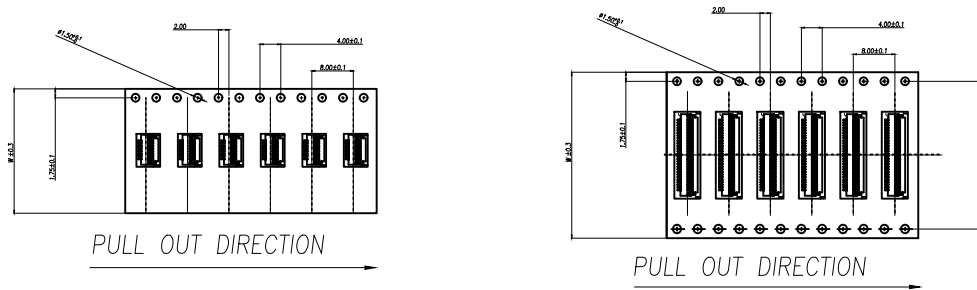
DIMENSION IN mm		厦门市辛译精密电子有限公司			
TOLERANCE UNLESS OTHERWISE SPECIFIED		Xiamen XinYi Xyconn Electronics Co.,Ltd			
.X±0.35	.X°± 5°	APR.	Alex	TITLE: 0.5Pitch 1.0H ZIF/连接器	
.XX±0.25	.X°± 3°	CHK.	Jack	DWG NO. XY-FPC-05-10-8RLTAG	
.XXX±0.15	.XX°± 1°	DRA.	Can	PROJ. 	CUSTOMER DRAWING
				SIZE A4	SCALE 1:1

NOTE:

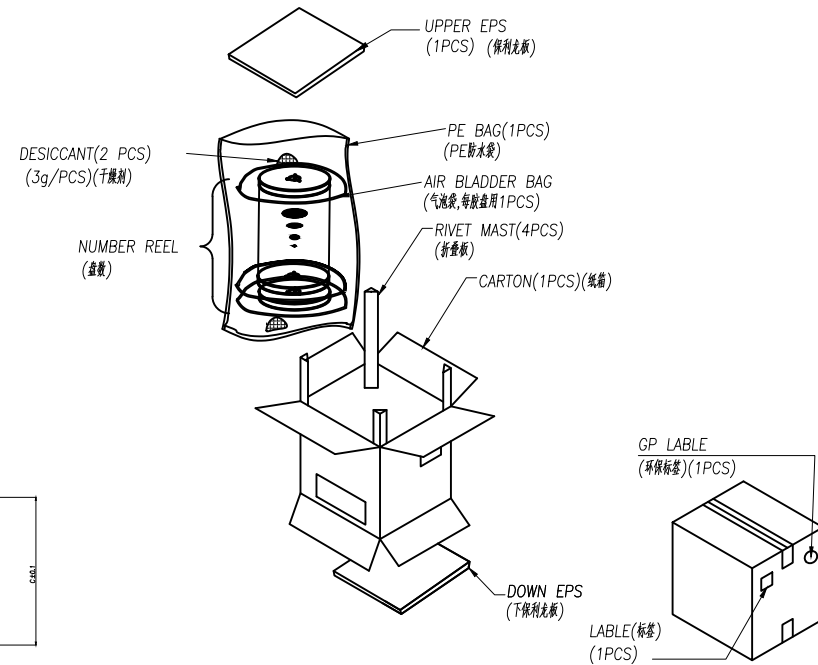
- 1.10 Sprocket hole pitch cumulative tolerance ± 0.20 .
- 2.Carrier camber is within 1mm in 100mm.
- 3.Material: black conductive polystyrene alloy.
- 4.Material Thickness: 0.3 ± 0.05 mm.
- 5.All dimensions meet EIA-481-B requirements.
- 6.5000pcs Pef Reel.
- 7.For tape width(dim W)16 and 24mm pilot holes are provided on one sides.
For tape width(dim W)32, 44 and 56mm pilot holes are provided on both sides.



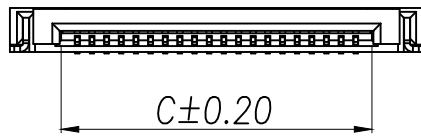
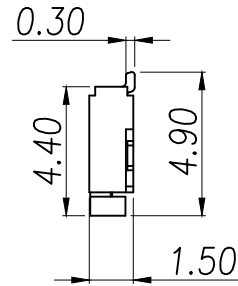
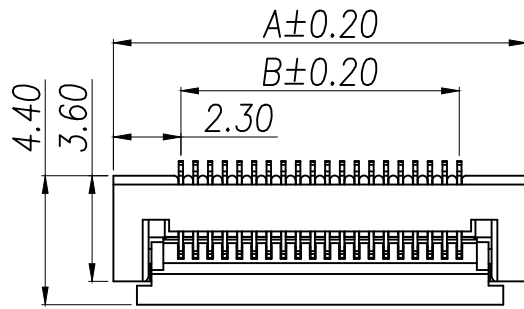
SCALE 1:4



PIN NO.	W	C	PCS /REEL	REEL/CARTON	SUM(PCS)
04PIN~15PIN	16	—	5000	13	65000
16PIN~30PIN	24	—	5000	10	50000
31PIN~40PIN	32	28.4	5000	7	35 000
50PIN	44	38.4	5000	5	25 000



DIMENSION IN mm		厦门市辛译精密电子有限公司 Xiamen XinYi Xyconn Electronics Co.,Ltd			
TOLERANCE UNLESS OTHERWISE SPECIFIED		APR.	Alex	TITLE: 0.5Pitch 1.0H ZIF/针座	
.X $\pm$ 0.35	X.* $\pm$ 5°	CHK.	Jack	DWG NO. XY-FPC-05-10-8RLTAG	
.XX $\pm$ 0.25	.X° $\pm$ 3°	DRA.	Can	PROJ.	CUSTOMER DRAWING
.XXX $\pm$ 0.15	.XX° $\pm$ 1°	SIZE	A4	SCALE	1:1
		SHEET	1/1	REV.	A



NOTES:

额定电流 Current rating: 0.5A

额定电压 Voltage rating: 50V

耐电压 Withstand voltage: 500V AC/minute

接触电阻 Contact resistance :≤40mΩ

绝缘电阻 Insulation resistance: 100MΩ MIN

工作温度 Working temperature: -25℃ ~ +85℃

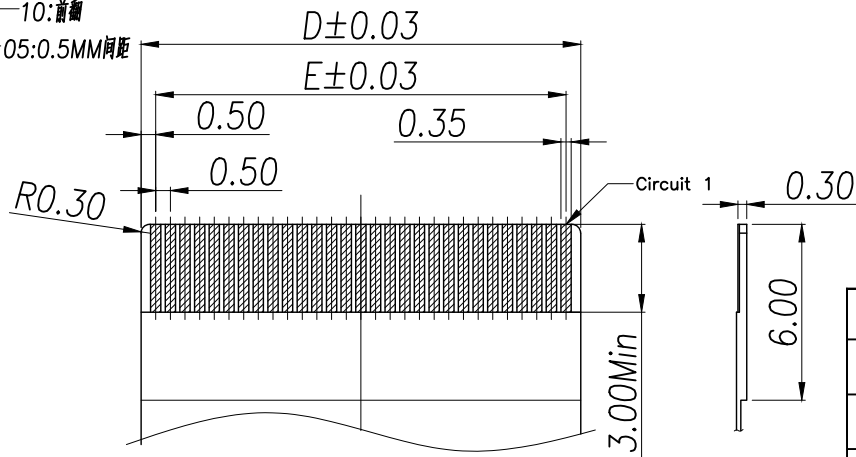
XY-FPC-05-10-10RLTAG-H15

H15:高度1.5MM

N:PIN数

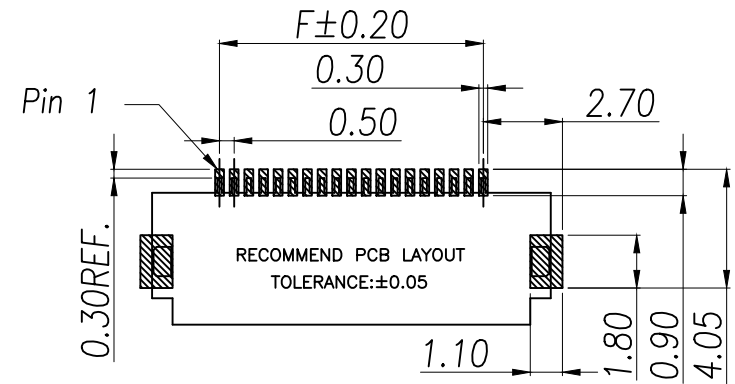
10:前面

05:0.5MM间距



RECOMMENDED FPC/FFC DIMENSION

Part No	Pin	A	B	C	D	E	F
XY-FPC-05-10-6RLTAG	6	7.1	2.5	3.6	3.5	2.5	2.5
XY-FPC-05-10-8RLTAG	8	8.1	3.5	4.6	4.5	3.5	3.5
XY-FPC-05-10-10RLTAG	10	9.1	4.5	5.6	5.5	4.5	4.5
XY-FPC-05-10-12RLTAG	12	10.1	5.5	6.6	6.5	5.5	5.5
XY-FPC-05-10-14RLTAG	14	11.1	6.5	7.6	7.5	6.5	6.5
XY-FPC-05-10-16RLTAG	16	12.1	7.5	8.6	8.5	7.5	7.5
XY-FPC-05-10-20RLTAG	20	14.1	9.5	10.6	10.5	9.5	9.5
XY-FPC-05-10-24RLTAG	24	16.1	11.5	12.6	12.5	11.5	11.5
XY-FPC-05-10-26RLTAG	26	17.1	12.5	13.6	13.5	12.5	12.5
XY-FPC-05-10-28RLTAG	28	18.1	13.5	14.6	14.5	13.5	13.5
XY-FPC-05-10-30RLTAG	30	19.1	14.5	15.6	15.5	14.5	14.5
XY-FPC-05-10-40RLTAG	40	24.1	19.5	20.6	20.5	19.5	19.5
XY-FPC-05-10-50RLTAG	50	29.1	24.5	25.6	25.5	24.5	24.5



DIMENSION IN mm		厦门市辛译精密电子有限公司 Xiamen XinYi Xyconn Electronics Co.,Ltd			
TOLERANCE UNLESS OTHERWISE SPECIFIED		APR.	Alex	TITLE: FPC 0.5PH H1.5 前下	
.X±0.3	.X*± 5°	CHK.	Jack	DWG NO. XY-FPC-05-10-10RLTAG	
.XX±0.2	.X*± 2	DRA.	Can	PROJ. CUSTOMER DRAWING	
.XXX±0.05	.XX*± 1°	SIZE	A4	SCALE	1:1
		SHEET	1/1	REV.	A