

J30J 系列大小电流混装矩形电连接器

产品简介

- 大小电流接触件混装
- 产品采用金属外壳
- 接触件适配导线规格：0.1~0.15mm²（小接触件）、2.0~3.0mm²（大接触件）

主要技术性能

- 工作温度：-55℃~125℃
- 相对湿度：40℃达 98%
- 额定工作电流：3A（小电流接触件）、20A（大电流接触件）
- 机械寿命：500 次
- 接触电阻：≤10mΩ
- 随机振动：功率谱密度：0.4G²/Hz，总加速度均方根值：23.1G
- 绝缘电阻：常温≥ 5000MΩ；湿热≥100MΩ
- 耐电压：800V（常温）
- 振动：频率 10~2000Hz 加速度 196m/s²
- 冲击：加速度 735m/s²

型号命名

J30J 27P02 J S 000 S0 000 0 - A3
1 2 3 4 5 6 7 8 9

1 系列主称代号：J30J

2 接点排列：

代号	排列方式	代号	排列方式
02P02	2 芯 20A 接触件	10P10	10 芯 20A 接触件
03P03	3 芯 20A 接触件	09P02	7 芯 3A 接触件+2 芯 20A 接触件
04P04	4 芯 20A 接触件	11P04	7 芯 3A 接触件+4 芯 20A 接触件
05P05	5 芯 20A 接触件	21P02	19 芯 3A 接触件+2 芯 20A 接触件
06P06	6 芯 20A 接触件	25P02	23 芯 3A 接触件+2 芯 20A 接触件
07P07	7 芯 20A 接触件	27P02	25 芯 3A 接触件+2 芯 20A 接触件
08P08	8 芯 20A 接触件	39P02	37 芯 3A 接触件+2 芯 20A 接触件
09P09	9 芯 20A 接触件		

3 小电流接触件类型：0-无小电流接触件、J-小电流插针、K-小电流插孔

4 大电流接触件类型：S-大电流插孔、P-大电流插针

5 小电流接触件端接形式：000-无小电流接触件 C00-压接式

S00-焊接式 N0x-直式印制板(x 为代号，其中 N01 印制板厚 2mm；N02 印制板厚 3mm；N03 印制板厚 4mm；N04 印制板厚 5mm) W0x-弯式印制板(x 为代号，其中 W01 印制板厚 2mm；W02 印制板厚 3mm；W03 印制板厚 4mm；W04 印制板厚 5mm)

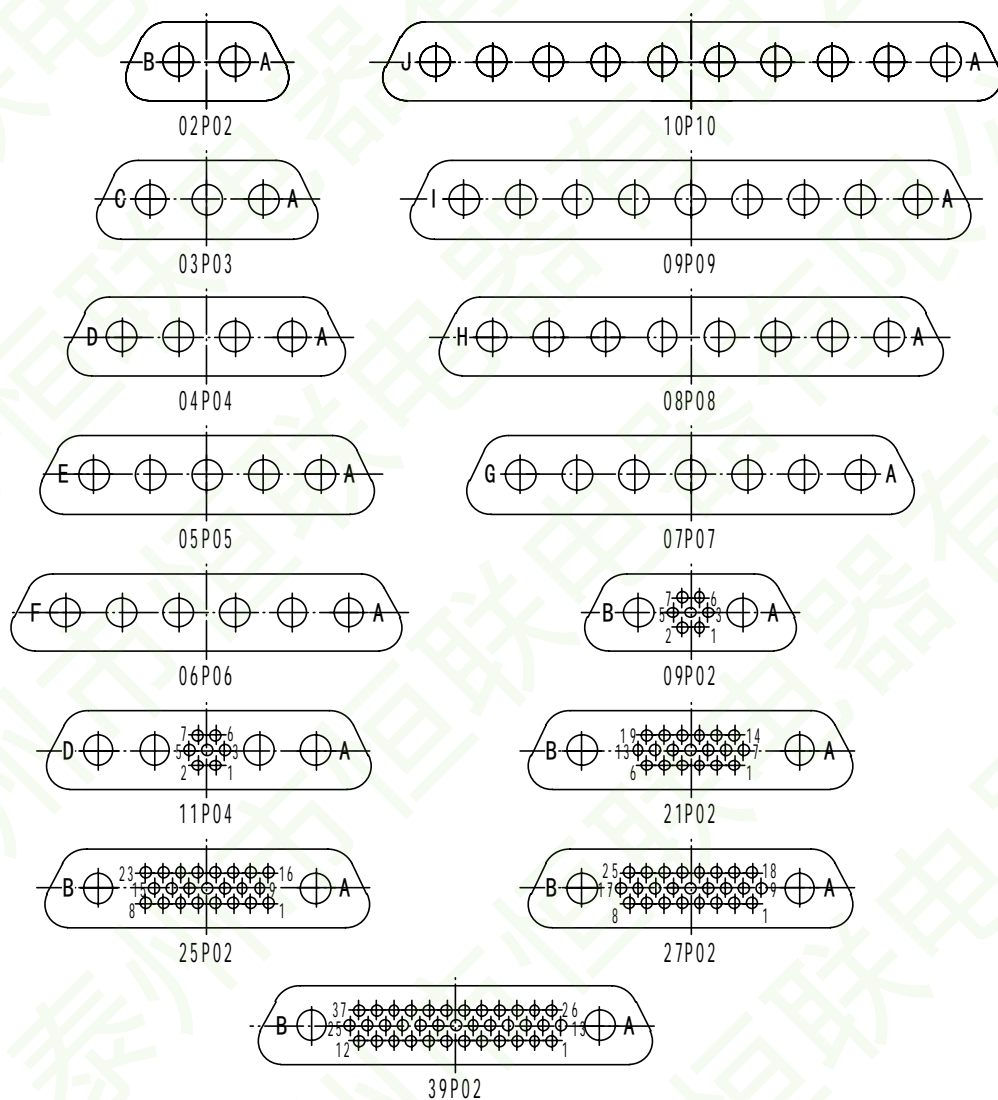
6 大电流接触件端接形式：C0-压接式 S0-焊接式 Nx-直式印制板(x 为代号，其中 N1 印制板厚 2mm；N2 印制板厚 3mm；N3 印制板厚 4mm；N4 印制板厚 5mm，本节 x 代号与第 5 节 x 代号需保持一致) Wx-弯式印制板(x 为代号，其中 W1 印制板厚 2mm；W2 印制板厚 3mm；W3 印制板厚 4mm；W4 印制板厚 5mm，本节 x 代号与第 5 节 x 代号需保持一致)

7 锁紧组件类型：000-无锁紧组件 L00-自由端锁紧组件 P_ _-固定端锁紧组件

代号	锁紧组件类型	代号	锁紧组件类型
P00	板前安装, 面板厚度 $\leq 2.5\text{mm}$	P08	板后安装, 面板厚度 3.4mm
P03	直印制板安装	P09	板后安装, 面板厚度 2mm
P04	弯印制板安装	P10	弯式印制板 2mm 板后安装
P05	板后安装, 面板厚度 0.6mm	P11	板前安装, 安装开 M3 螺纹孔
P06	板后安装, 面板厚度 1.4mm	P12	板前安装, 面板厚度 $\leq 5.5\text{mm}$
P07	板后安装, 面板厚度 2.2mm	P13	直印制板安装

- 8 外壳改型: 0-标准型, 铝合金镀镍 1-不锈钢钝化
9 尾部附件: 不表示-不带尾部附件 A3-两瓣式线夹附件 (仅焊接式)

接点排列 (从插头插合面看)



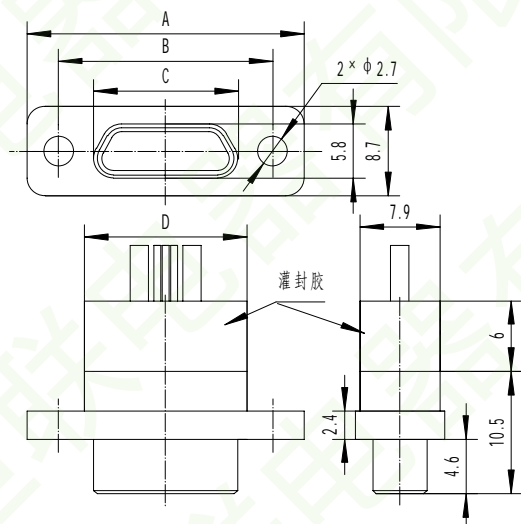
J30J 系列大小电流混装矩形电连接器

压接式

插头

J30J□□P□□ □S□□□C0 000 0

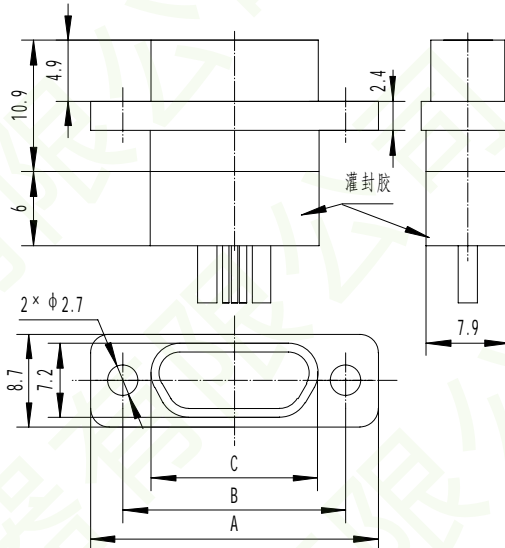
产品外形尺寸图



插座

J30J□□P□□ □P□□□C0 000 0

产品外形尺寸图



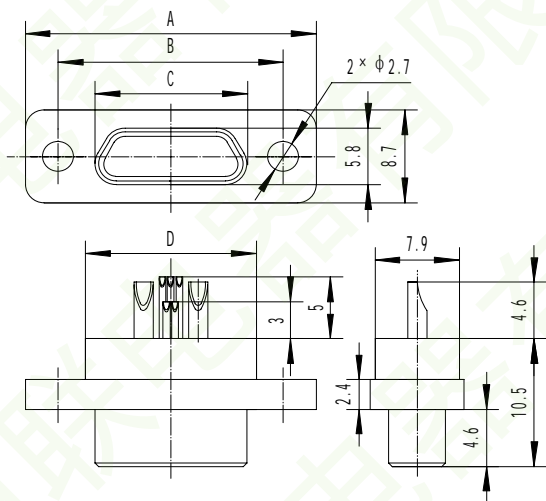
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J30J04P040S000C00000	31.4	27	21.1	22.7	J30J04P040P000C00000	31.4	27	22.6	22.7
J30J05P050S000C00000	36.3	30.9	25	26.6	J30J05P050P000C00000	36.3	30.9	26.5	26.6
J30J06P060S000C00000	39.6	35.2	29.3	30.9	J30J06P060P000C00000	39.6	35.2	30.8	30.9
J30J07P070S000C00000	43.7	39.3	33.4	35	J30J07P070P000C00000	43.7	39.3	34.9	35
J30J08P080S000C00000	47.8	43.4	37.5	39.1	J30J08P080P000C00000	47.8	43.4	39	39.1
J30J09P090S000C00000	51.9	47.5	41.6	43.2	J30J09P090P000C00000	51.9	47.5	43.1	43.2
J30J10P100S000C00000	56	51.6	45.7	47.3	J30J10P100P000C00000	56	51.6	47.2	47.3
J30J09P02JSC00C00000	29.7	24.5	18.6	20.2	J30J09P02KPC00C00000	29.7	24.5	20.1	20.2
J30J11P04JSC00C00000	36.3	30.9	25	26.6	J30J11P04KPC00C00000	36.3	30.9	26.5	26.6
J30J21P02JSC00C00000	36.3	30.9	25	26.6	J30J21P02KPC00C00000	36.3	30.9	26.5	26.6
J30J25P02JSC00C00000	36.3	30.9	25	26.6	J30J25P02KPC00C00000	36.3	30.9	26.5	26.6
J30J27P02JSC00C00000	36.3	30.9	25	26.6	J30J27P02KPC00C00000	36.3	30.9	26.5	26.6
J30J39P02JSC00C00000	42.8	37.3	31.4	33	J30J39P02KPC00C00000	42.8	37.3	32.9	33

焊接式

插头

J30J□□P□□ □S□□□S0 000 0

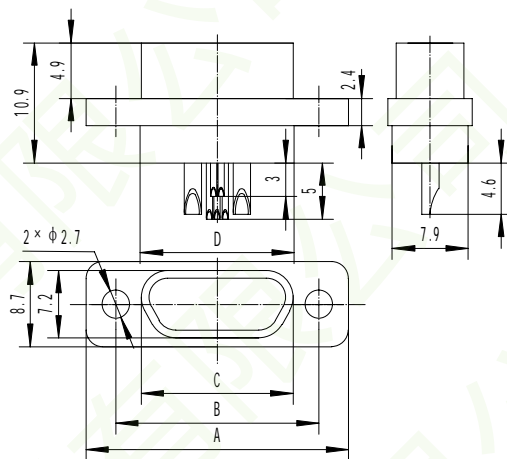
产品外形尺寸图



插座

J30J□□P□□ □P□□□S0 000 0

产品外形尺寸图



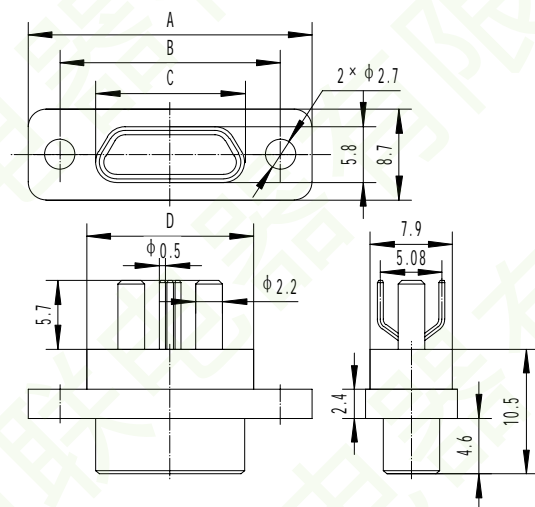
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J30J10P100S000S00000	56	51.6	45.7	47.3	J30J10P100P000S00000	56	51.6	47.2	47.3
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J30J21P02JSS00S00000	36.3	30.9	25	26.6	J30J21P02KPS00S00000	36.3	30.9	26.5	26.6
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J30J27P02JSS00S00000	36.3	30.9	25	26.6	J30J27P02KPS00S00000	36.3	30.9	26.5	26.6
J30J39P02JSS00S00000	42.8	37.3	31.4	33	J30J39P02KPS00S00000	42.8	37.3	32.9	33

N1 直式印制板

插头

J30J□□P□□ □S□□□N1 000 0

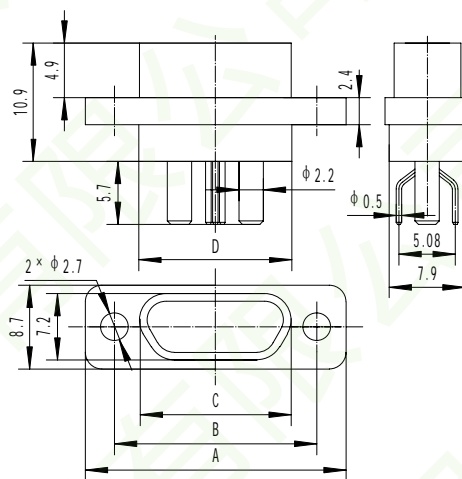
产品外形尺寸图



插座

J30J□□P□□ □P□□□N1 000 0

产品外形尺寸图



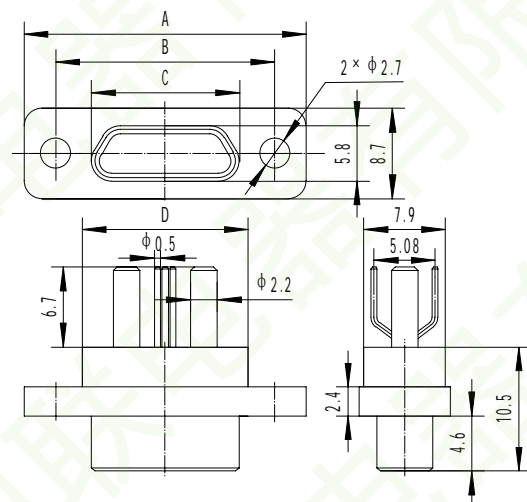
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J30J04P040S000N10000	31.4	27	21.1	22.7	J30J04P040P000N10000	31.4	27	22.6	22.7
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J30J08P080S000N10000	47.8	43.4	37.5	39.1	J30J08P080P000N10000	47.8	43.4	39	39.1
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J30J21P02JSN01N10000	36.3	30.9	25	26.6	J30J21P02KPN01N10000	36.3	30.9	26.5	26.6
J30J25P02JSN01N10000	36.3	30.9	25	26.6	J30J25P02KPN01N10000	36.3	30.9	26.5	26.6
J30J27P02JSN01N10000	36.3	30.9	25	26.6	J30J27P02KPN01N10000	36.3	30.9	26.5	26.6
J30J39P02JSN01N10000	42.8	37.3	31.4	33	J30J39P02KPN01N10000	42.8	37.3	32.9	33

N2 直式印制板

插头

J30J□□P□□ □S□□□N2 000 0

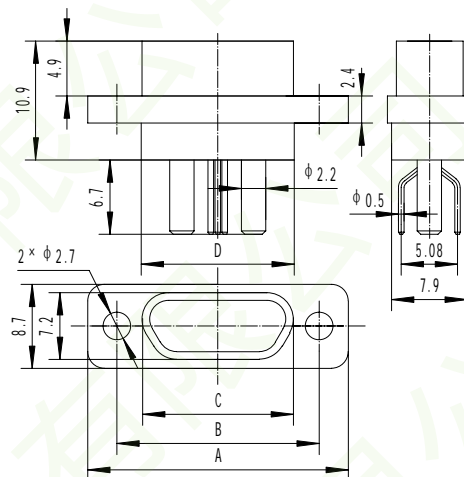
产品外形尺寸图



插座

J30J□□P□□ □P□□□N2 000 0

产品外形尺寸图



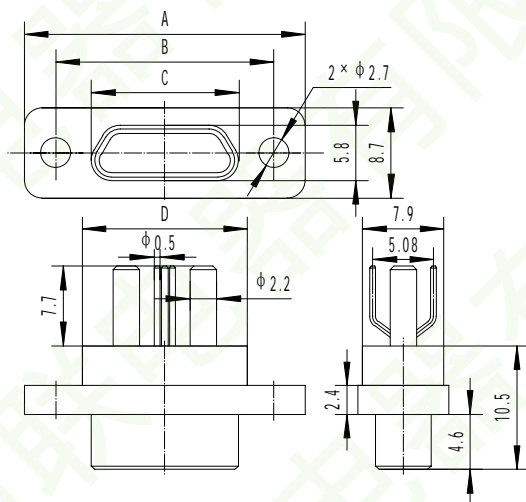
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J30J04P040S000N20000	31.4	27	21.1	22.7	J30J04P040P000N20000	31.4	27	22.6	22.7
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J30J08P080S000N20000	47.8	43.4	37.5	39.1	J30J08P080P000N20000	47.8	43.4	39	39.1
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J30J10P100S000N20000	56	51.6	45.7	47.3	J30J10P100P000N20000	56	51.6	47.2	47.3
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J30J11P04JSN02N20000	36.3	30.9	25	26.6	J30J11P04KPN02N20000	36.3	30.9	26.5	26.6
J30J21P02JSN02N20000	36.3	30.9	25	26.6	J30J21P02KPN02N20000	36.3	30.9	26.5	26.6
J30J25P02JSN02N20000	36.3	30.9	25	26.6	J30J25P02KPN02N20000	36.3	30.9	26.5	26.6
J30J27P02JSN02N20000	36.3	30.9	25	26.6	J30J27P02KPN02N20000	36.3	30.9	26.5	26.6
J30J39P02JSN02N20000	42.8	37.3	31.4	33	J30J39P02KPN02N20000	42.8	37.3	32.9	33

N3 直式印制板

插头

J30J□□P□□ □S□□□N3 000 0

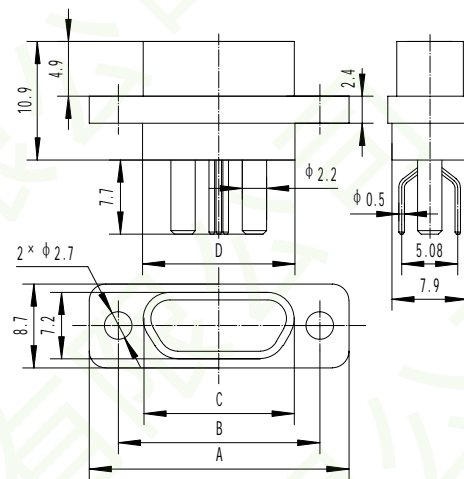
产品外形尺寸图



插座

J30J□□P□□ □P□□□N3 000 0

产品外形尺寸图



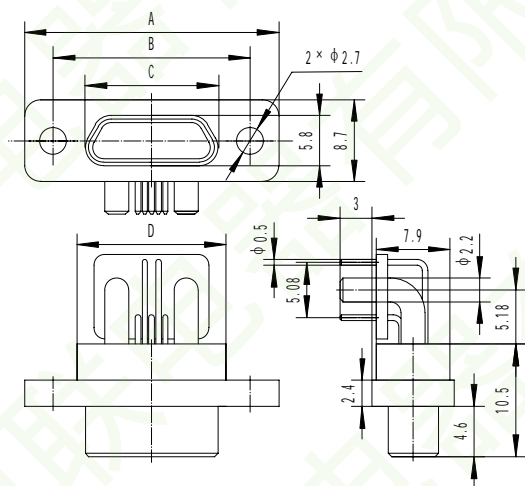
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J30J21P02JSN03N30000	36.3	30.9	25	26.6	J30J21P02KPN03N30000	36.3	30.9	26.5	26.6
J30J25P02JSN03N30000	36.3	30.9	25	26.6	J30J25P02KPN03N30000	36.3	30.9	26.5	26.6
J30J27P02JSN03N30000	36.3	30.9	25	26.6	J30J27P02KPN03N30000	36.3	30.9	26.5	26.6
J30J39P02JSN03N30000	42.8	37.3	31.4	33	J30J39P02KPN03N30000	42.8	37.3	32.9	33

弯式印制板

插头

J30J□□P□□ □S□□□W1 000 0

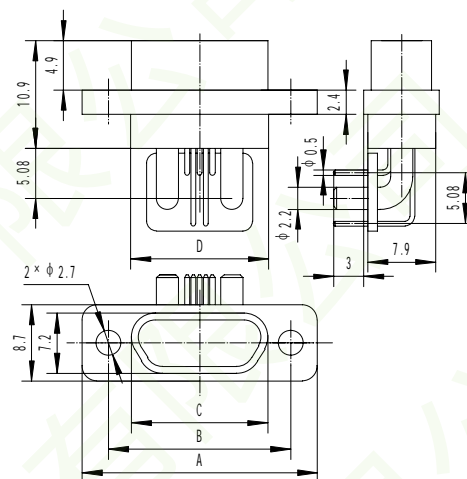
产品外形尺寸图



插座

J30J□□P□□ □P□□□W1 000 0

产品外形尺寸图

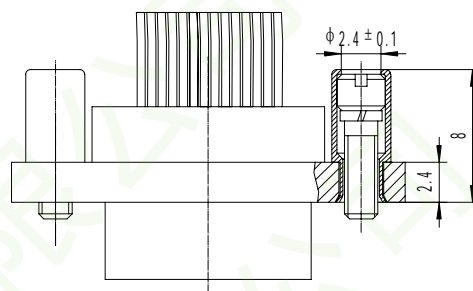


插头规格号	尺寸				插座规格号	尺寸			
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J30J04P040S000W10000	31.4	27	21.1	22.7	J30J04P040P000W10000	31.4	27	22.6	22.7
J30J05P050S000W10000	36.3	30.9	25	26.6	J30J05P050P000W10000	36.3	30.9	26.5	26.6
J30J06P060S000W10000	39.6	35.2	29.3	30.9	J30J06P060P000W10000	39.6	35.2	30.8	30.9
J30J07P070S000W10000	43.7	39.3	33.4	35	J30J07P070P000W10000	43.7	39.3	34.9	35
J30J08P080S000W10000	47.8	43.4	37.5	39.1	J30J08P080P000W10000	47.8	43.4	39	39.1
J30J09P090S000W10000	51.9	47.5	41.6	43.2	J30J09P090P000W10000	51.9	47.5	43.1	43.2
J30J10P100S000W10000	56	51.6	45.7	47.3	J30J10P100P000W10000	56	51.6	47.2	47.3
J30J09P02JSW01W10000	29.7	24.5	18.6	20.2	J30J09P02KPW01W10000	29.7	24.5	20.1	20.2
J30J11P04JSW01W10000	36.3	30.9	25	26.6	J30J11P04KPW01W10000	36.3	30.9	26.5	26.6
J30J21P02JSW01W10000	36.3	30.9	25	26.6	J30J21P02KPW01W10000	36.3	30.9	26.5	26.6
J30J25P02JSW01W10000	36.3	30.9	25	26.6	J30J25P02KPW01W10000	36.3	30.9	26.5	26.6
J30J27P02JSW01W10000	36.3	30.9	25	26.6	J30J27P02KPW01W10000	36.3	30.9	26.5	26.6
J30J39P02JSW01W10000	42.8	37.3	31.4	33	J30J39P02KPW01W10000	42.8	37.3	32.9	33

J30J 系列大小电流混装矩形电连接器/锁紧组件
自由端锁紧组件
J30JL00

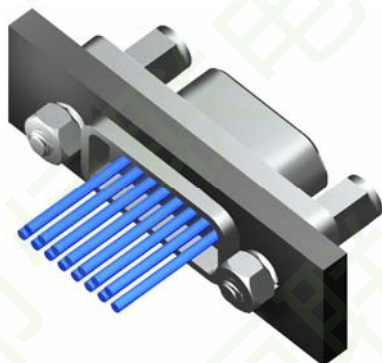


组装示意图

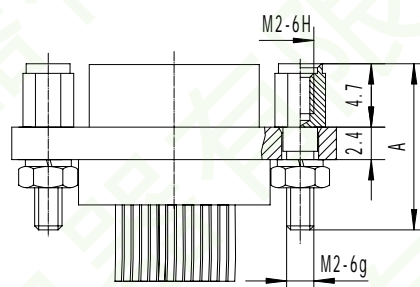


外形尺寸图

固定端锁紧组件
J30JP00、J30JP12



组装示意图



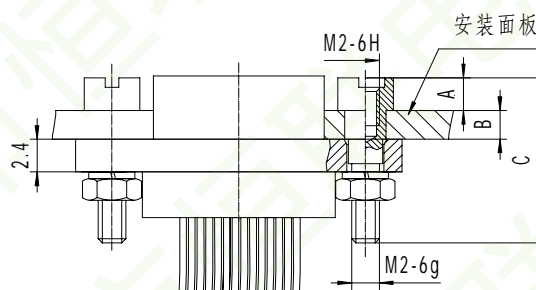
外形尺寸图

锁紧组件代号	A
J30JP00	12.6
J30JP12	15.6

J30JP05、J30JP06、J30JP07、J30JP08、J30JP09

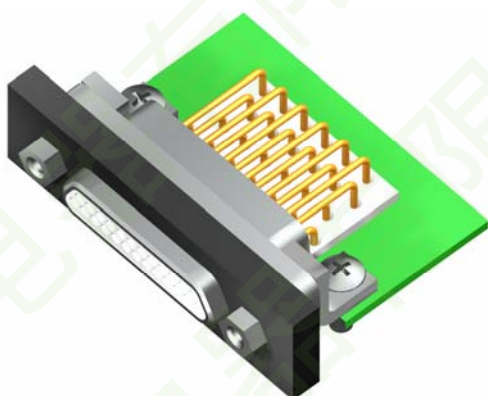


组装示意图

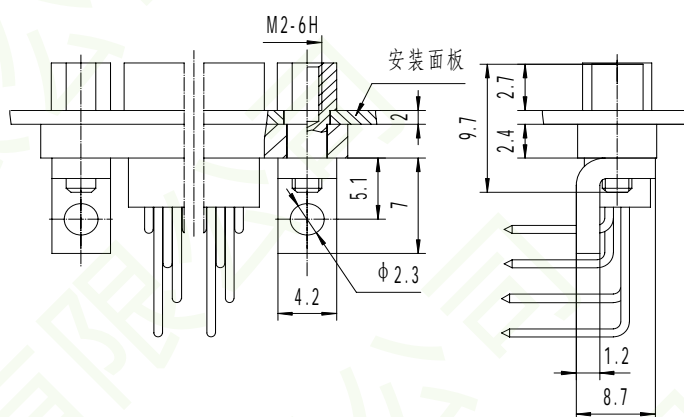


外形尺寸图

J30JP10



组装示意图

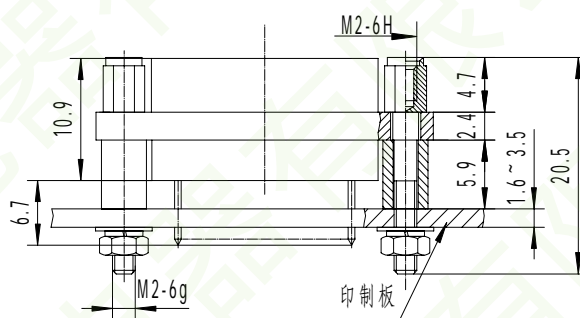


外形尺寸图

J30JP13



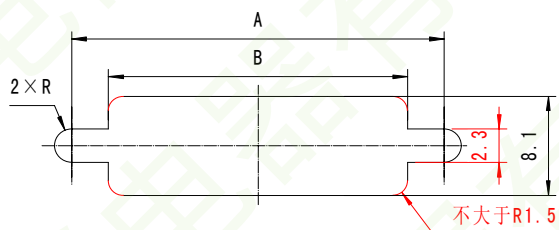
组装示意图



外形尺寸图

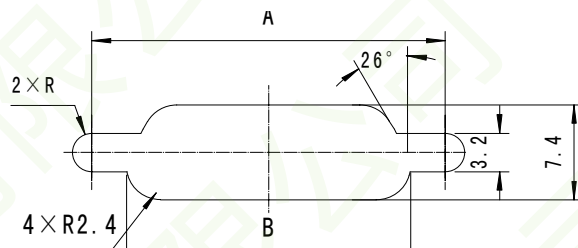
J30J 系列大小电流混装矩形电连接器/安装开孔尺寸

板前安装开孔尺寸



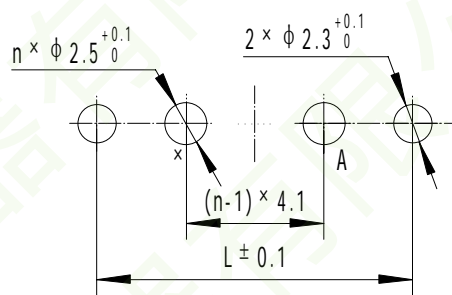
接点排列	A	B
02P02	18.8	14.8
03P03	22.9	18.9
04P04	27	23
05P05	30.9	26.9
06P06	35.2	31.2
07P07	39.3	35.3
08P08	43.4	39.4
09P09	47.5	43.5
10P10	51.6	47.6
09P02	24.5	20.5
11P04	30.9	26.9
21P02	30.9	26.9
25P02	30.9	26.9
27P02	30.9	26.9
39P02	37.3	33.3

板后安装开孔尺寸

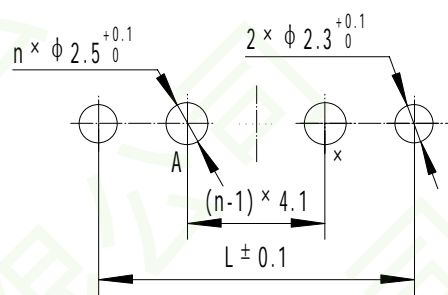


接点排列	A	B
02P02	18.8	14.8
03P03	22.9	18.9
04P04	27	23
05P05	30.9	26.9
06P06	35.2	31.2
07P07	39.3	35.3
08P08	43.4	39.4
09P09	47.5	43.5
10P10	51.6	47.6
09P02	24.5	20.5
11P04	30.9	26.9
21P02	30.9	26.9
25P02	30.9	26.9
27P02	30.9	26.9
39P02	37.3	33.3

J30J 系列直式印制板混装产品推荐印制板开孔尺寸

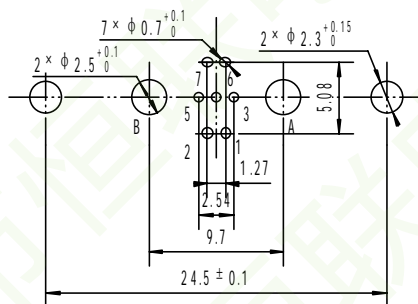


J30J□□P□□OS000N10000

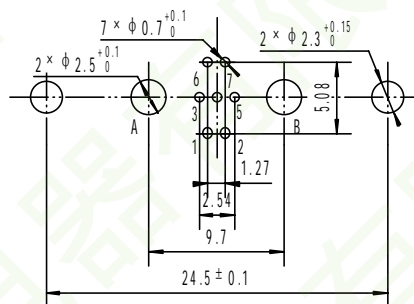


J30J□□P□□OP000N10000

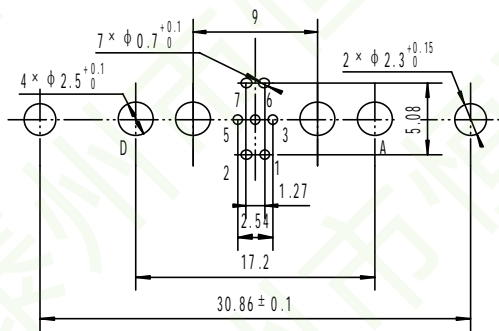
接触件排列	L	n	x	接触件排列	L	n	x
02P02	18.8	2	B	07P07	39.3	7	G
03P03	22.9	3	C	08P08	43.4	8	H
04P04	27	4	D	09P09	47.5	9	I
05P05	30.9	5	E	10P10	51.6	10	J
06P06	35.2	6	F				



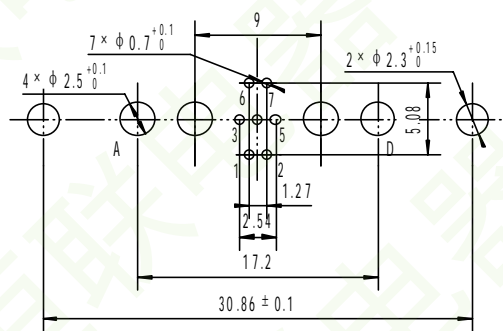
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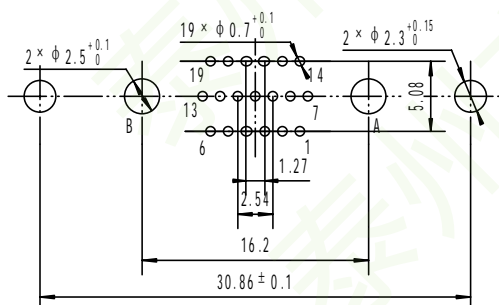
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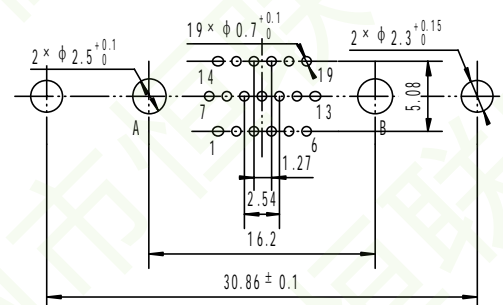
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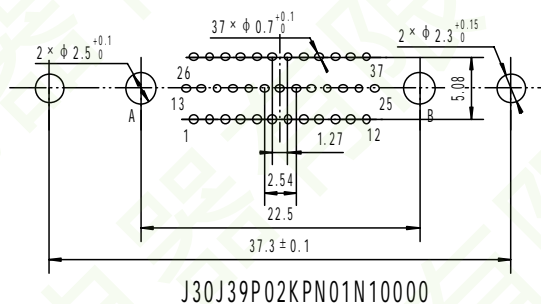
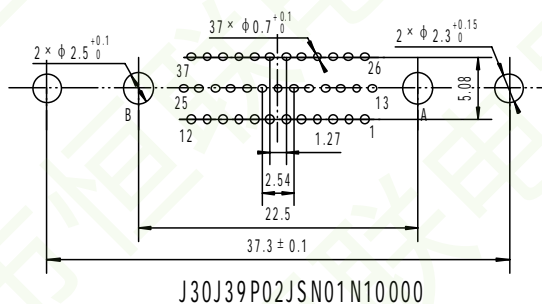
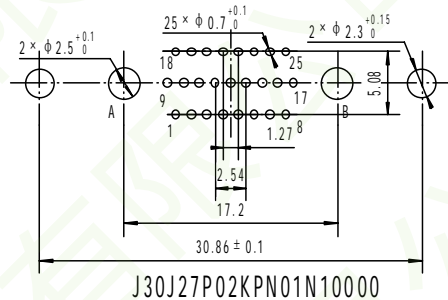
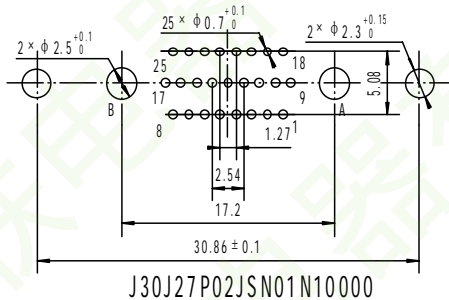
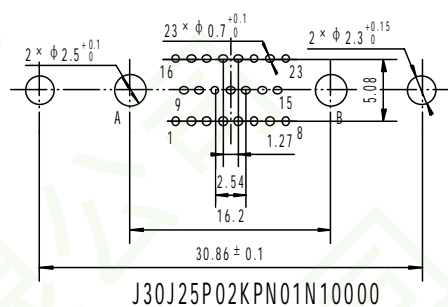
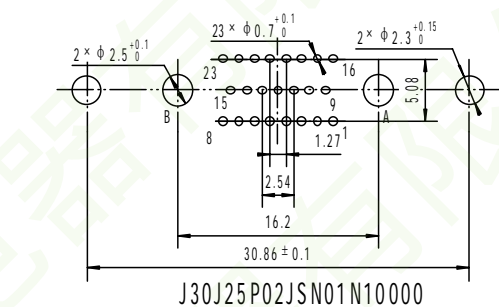
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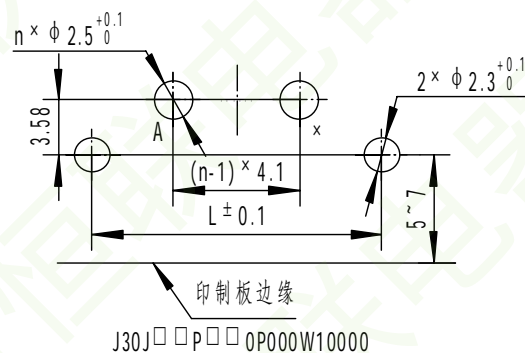
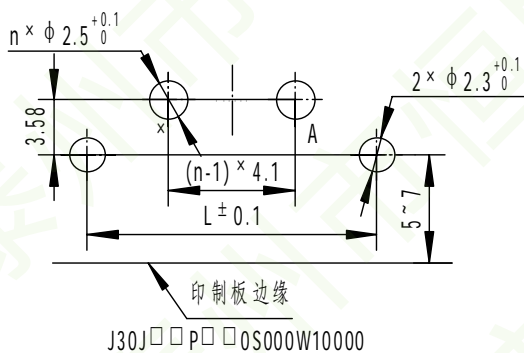
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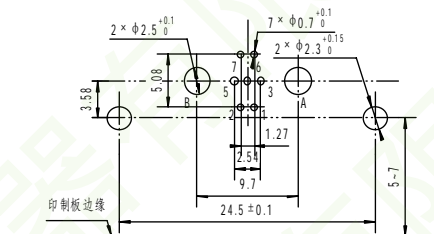
J30J21P02KPN01N10000



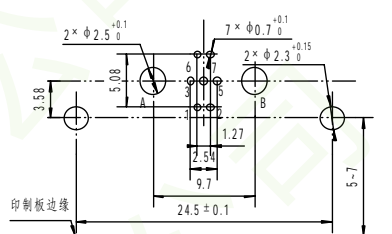
J30J 系列弯式印制板混装产品推荐印制板开孔尺寸



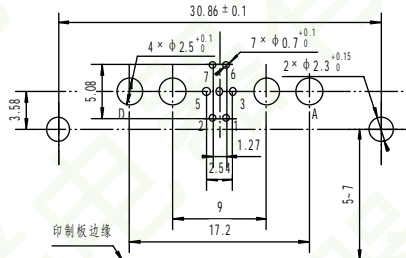
接触件排列	L	n	x	接触件排列	L	n	x
02P02	18.8	2	B	07P07	39.3	7	G
03P03	22.9	3	C	08P08	43.4	8	H
04P04	27	4	D	09P09	47.5	9	I
05P05	30.9	5	E	10P10	51.6	10	J
06P06	35.2	6	F				



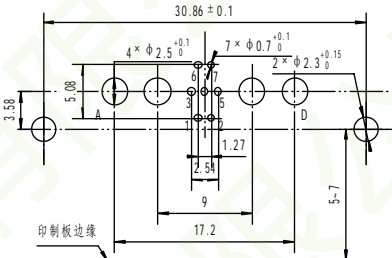
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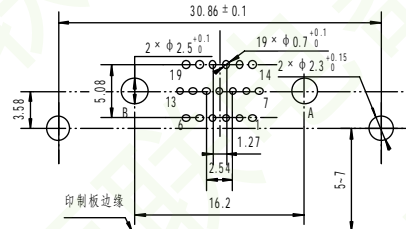
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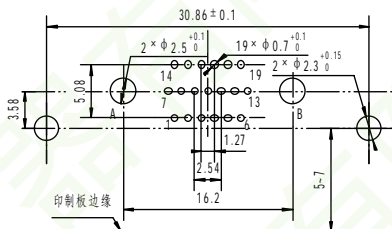
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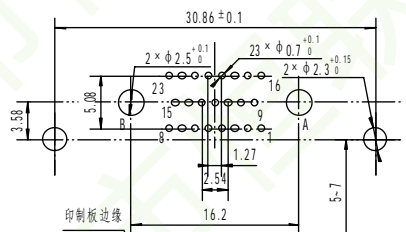
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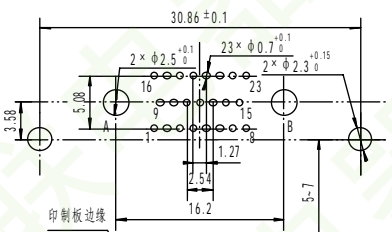
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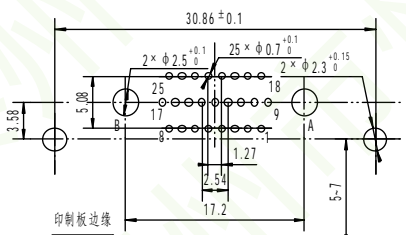
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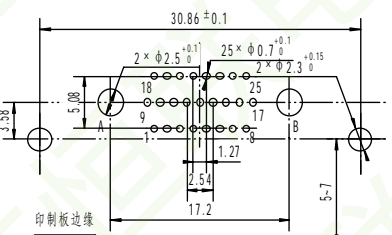
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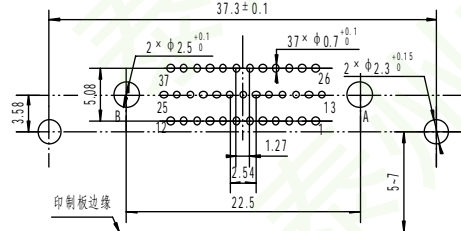
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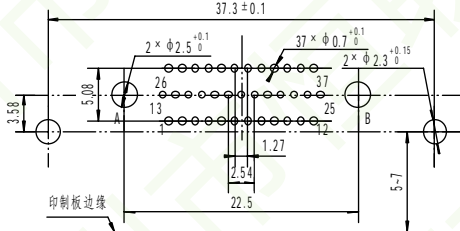
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J30J27P02KPW01W10000



J30J39P02JSW01W10000



J30J39P02KPW01W10000