

J30J 大小电流混装矩形电连接器



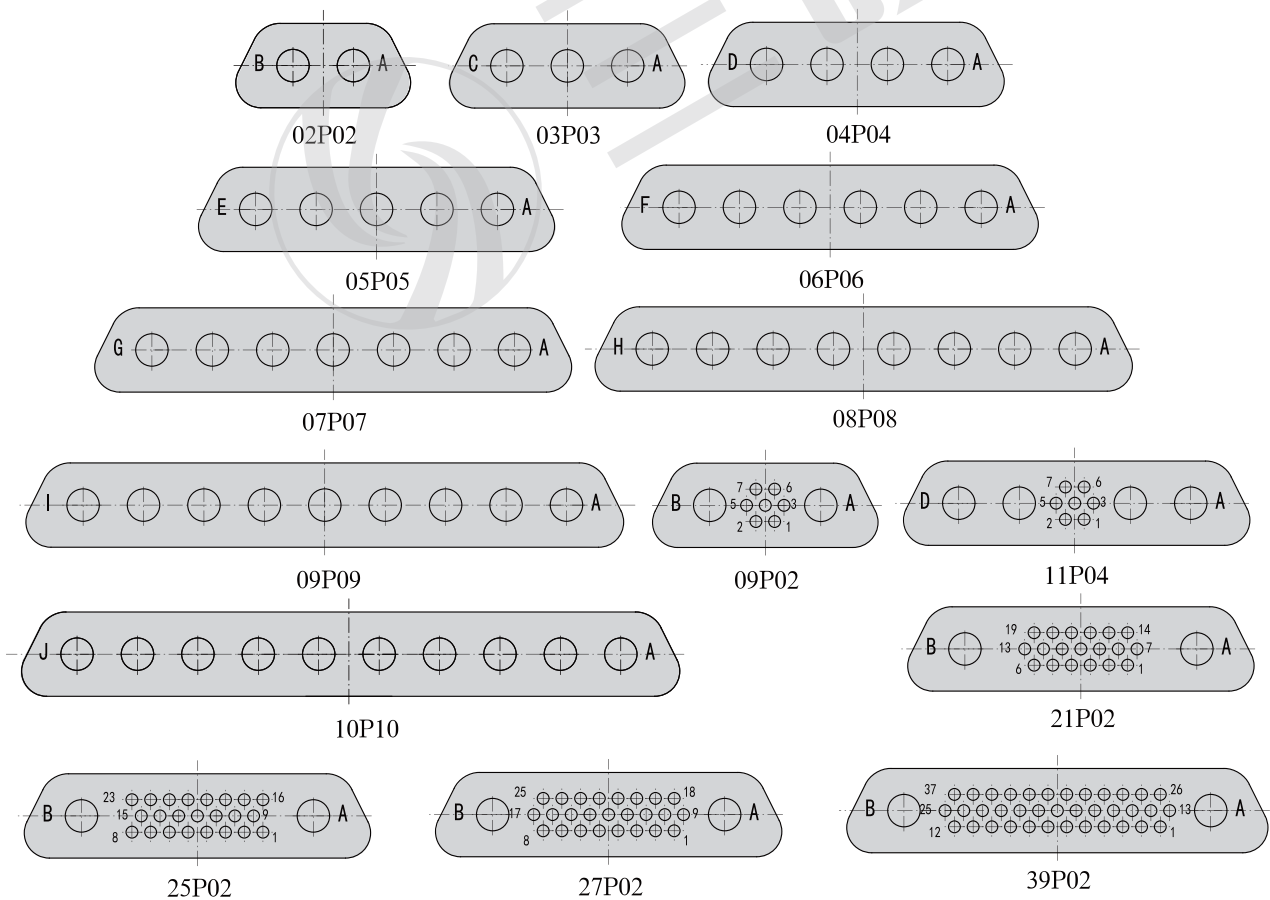
产品特点

- 大小电流接触对混装
- 适配导线线芯截面积 0.10mm² ~ 0.15mm²（小电流）2.0mm² ~ 3.0mm²（大电流）；
- 产品性能符合 GJB2446A-2011 的要求
- 执行企业标准：Q/SS 114-2020

主要技术特性

环境温度：-55℃ ~ +125℃	冲击：加速度 735m/s ²
额定电流：3A（小电流） 20A（大电流）	振动：10Hz ~ 2000Hz 196m/s ²
接触电阻：≤ 10MΩ	介质耐压：800V（常温）
绝缘电阻：常温 ≥ 5000MΩ 湿热 ≥ 1MΩ	机械寿命：500 次

型谱排列（从插头插合面看）



订货标识

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

① 主 称 代 号: J30J

② 接 点 排 布:

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

③ 小 电 流 接 触 件: 0—无小电流接触件; J—小电流插针 (3A); K—小电流插孔 (3A);

④ 大 电 流 就 触 件: S—大电流插孔 (20A); P—大电流插针 (20A);

⑤ 小 接 触 件 样 式: 000—无小电流接触件; C00—压接式, 线芯截面积 $0.10\text{mm}^2 \sim 0.15\text{mm}^2$; S00—焊接式; N01—直插印制板式; W01—弯插印制板式

⑥ 大 接 触 件 样 式: C0—压接式, 线芯截面积 $2.0\text{mm}^2 \sim 3.0\text{mm}^2$; S0—焊接式; N1—直插印制板式; W1—弯插印制板式;

⑦ 锁 紧 组 件 类 型: 000—无锁紧附件; L00—自由端锁紧附件; P□□—固定端锁紧附件 (见下表);

代号	锁紧附件类型	代号	锁紧附件类型
P00	板前安装固定端锁紧附件, 安装板厚度 $\leq 2.5\text{mm}$	P08	3.4mm 板后安装固定端锁紧附件
P03	直插印制板带支撑套筒固定端锁紧附件	P09	2mm 板后安装固定端锁紧附件
P04	弯插印制板带安装支架固定端锁紧附件	P10	弯插印制板 2mm 板后安装固定端锁紧附件
P05	0.6mm 板后安装固定端锁紧附件	P11	板前安装固定端锁紧附件, 安装开 M3 螺纹孔
P06	1.4mm 板后安装固定端锁紧附件	P12	板前安装固定端锁紧附件, 安装板厚度 $\leq 5.5\text{mm}$
P07	2.2mm 板后安装固定端锁紧附件		

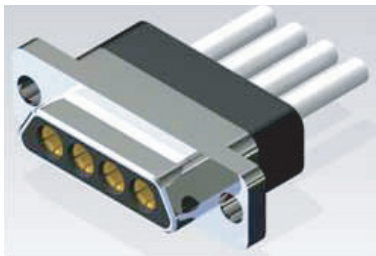
⑧ 外 壳 改 型: 0—标准型 铝合金镀镍

⑨ 尾 部 附 件: 不表示—不带尾部附件; A3—两瓣式线夹合件 (仅焊接式)

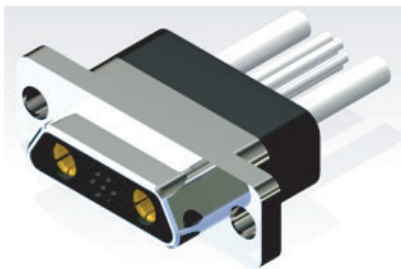
压接式

压接式插头

J30J □□P□□ □ S □□□ C0 000 0



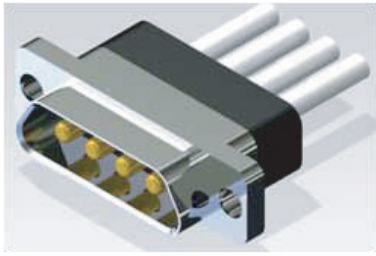
J30J 04P04 0 S 000 C0 000 0



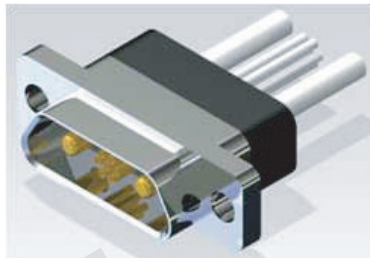
J30J 09P02 J S C00 C0 000 0

压接式插座

J30J □□P□□ □ P □□□ C0 000 0



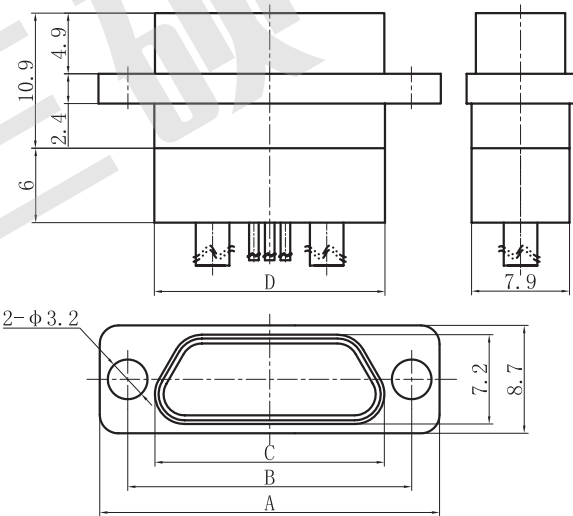
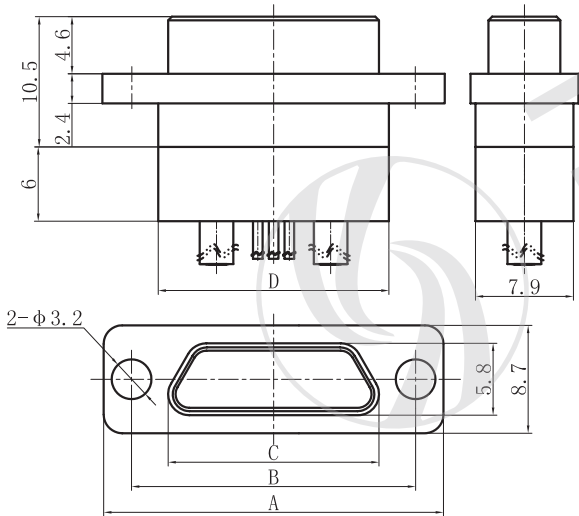
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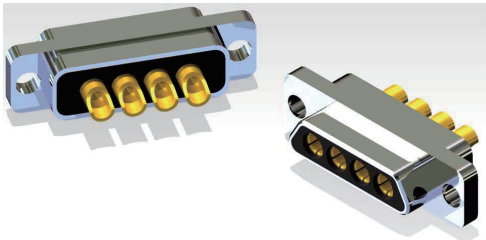


插头规格号	尺寸				插座规格号	尺寸			
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J30J02P020S000C00000	23.2	18.8	12.9	14.5	J30J02P020P000C00000	23.2	18.8	14.4	14.5
J30J03P030S000C00000	27.3	22.9	17	18.6	J30J03P030P000C00000	27.3	22.9	18.5	18.6
J30J04P040S000C00000	31.4	27	21.1	22.7	J30J04P040P000C00000	31.4	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

■ 焊接式插头

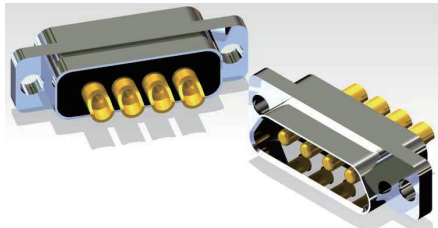
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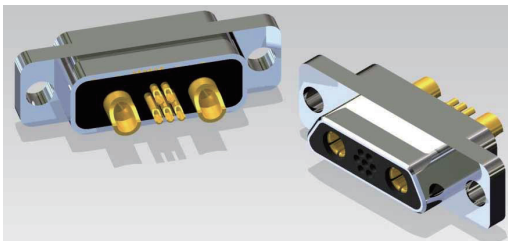
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■ 焊接式插头

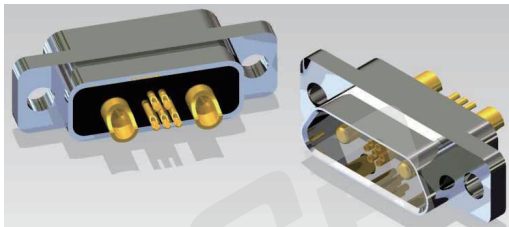
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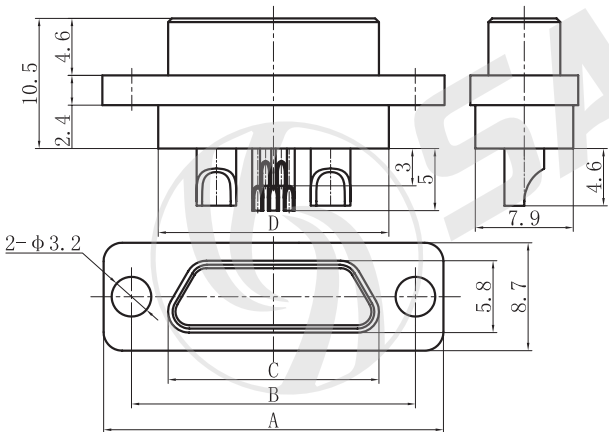


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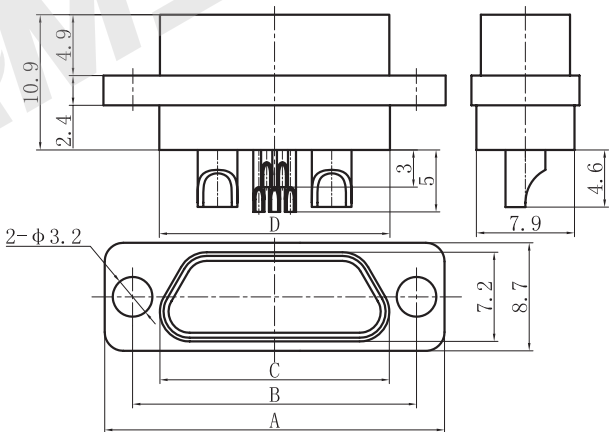


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■ J30J □□P□□□ S □□□ S0 000 0



■ J30J □□P□□□ □ P □□□ S0 000 0

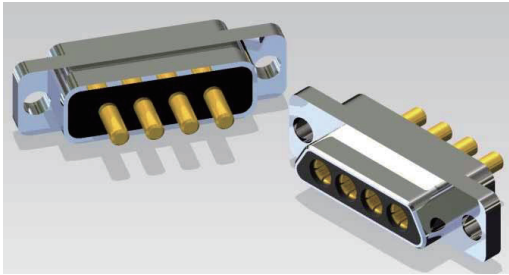


插头规格号	尺寸				插座规格号	尺寸			
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J30J02P020S000S00000	23.2	18.8	12.9	14.5	J30J02P020P000S00000	23.2	18.8	14.4	14.5
J30J03P030S000S00000	27.3	22.9	17	18.6	J30J03P030P000S00000	27.3	22.9	18.5	18.6
J30J04P040S000S00000	31.4	27	21.1	22.7	J30J04P040P000S00000	31.4	27	22.6	22.7
J30J05P050S000S00000	36.3	30.9	25	26.6	J30J05P050P000S00000	36.3	30.9	26.5	26.6
J30J06P060S000S00000	39.6	35.2	29.3	30.9	J30J06P060P000S00000	39.6	35.2	30.8	30.9
J30J07P070S000S00000	43.7	39.3	33.4	35	J30J07P070P000S00000	43.7	39.3	34.9	35
J30J08P080S000S00000	47.8	43.4	37.5	39.1	J30J08P080P000S00000	47.8	43.4	39	39.1
J30J09P090S000S00000	51.9	47.5	41.6	43.2	J30J09P090P000S00000	51.9	47.5	43.1	43.2
J30J10P100S000S00000	56	51.6	45.7	47.3	J30J10P100P000S00000	56	51.6	47.2	47.3
J30J09P02JSS00S00000	29.7	24.5	18.6	20.2	J30J09P02KPS00S00000	29.7	24.5	20.1	20.2
J30J11P04JSS00S00000	36.3	30.9	25	26.6	J30J11P04KPS00S00000	36.3	30.9	26.5	26.6
J30J21P02JSS00S00000	36.3	30.9	25	26.6	J30J21P02KPS00S00000	36.3	30.9	26.5	26.6
J30J25P02JSS00S00000	36.3	30.9	25	26.6	J30J25P02KPS00S00000	36.3	30.9	26.5	26.6
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

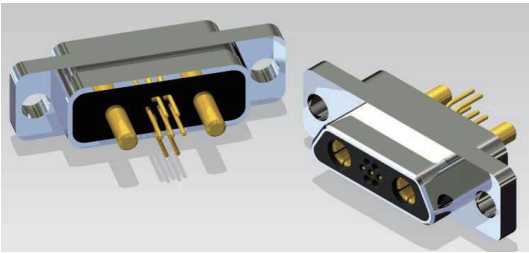
直插印制板

■ 直插印制板式插头

■ J30J □□P□□ □ S □□□ N1 000 0



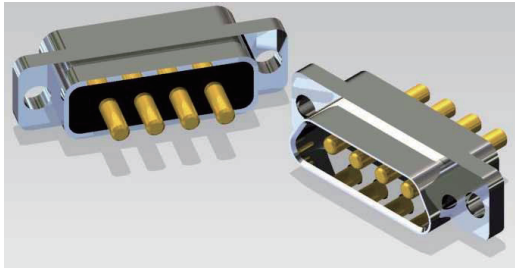
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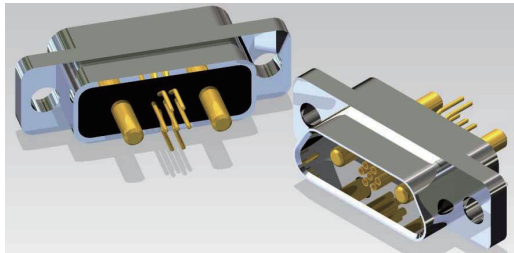
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■ 直插印制板式插座

■ J30J □□P□□ □ P □□□ N1 000 0

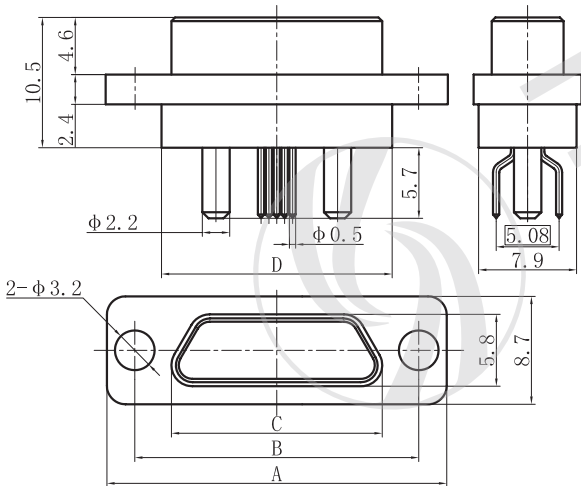


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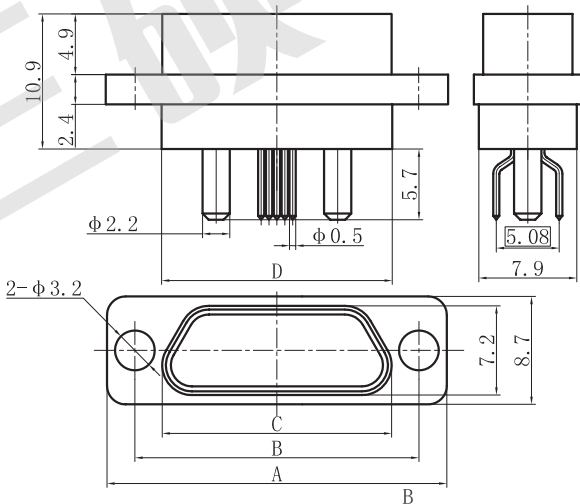


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■ J30J □□P□□ □ P □□□ N1 000 0

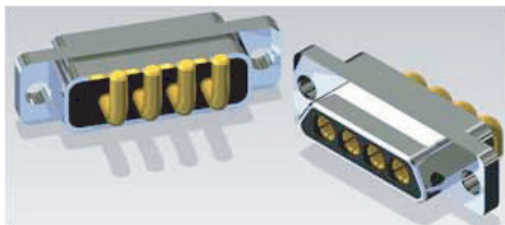


插头规格号	尺寸				插座规格号	尺寸			
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J30J03P030S000N10000	27.3	22.9	17	18.6	J30J03P030P000N10000	27.3	22.9	18.5	18.6
J30J04P040S000N10000	31.4	27	21.1	22.7	J30J04P040P000N10000	31.4	27	22.6	22.7
J30J05P050S000N10000	36.3	30.9	25	26.6	J30J05P050P000N10000	36.3	30.9	26.5	26.6
J30J06P060S000N10000	39.6	35.2	29.3	30.9	J30J06P060P000N10000	39.6	35.2	30.8	30.9
J30J07P070S000N10000	43.7	39.3	33.4	35	J30J07P070P000N10000	43.7	39.3	34.9	35
J30J08P080S000N10000	47.8	43.4	37.5	39.1	J30J08P080P000N10000	47.8	43.4	39	39.1
J30J09P090S000N10000	51.9	47.5	41.6	43.2	J30J09P090P000N10000	51.9	47.5	43.1	43.2
J30J10P100S000N10000	56	51.6	45.7	47.3	J30J10P100P000N10000	56	51.6	47.2	47.3
J30J09P02JSN01N10000	29.7	24.5	18.6	20.2	J30J09P02KPN01N10000	29.7	24.5	20.1	20.2
J30J11P04JSN01N10000	36.3	30.9	25	26.6	J30J11P04KPN01N10000	36.3	30.9	26.5	26.6
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

弯插印制板

■ 弯插印制板式插头

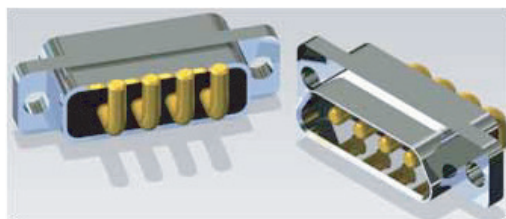
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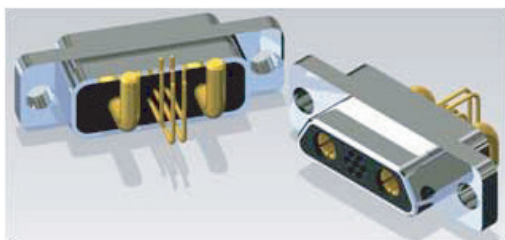
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■ 弯插印制板式插头

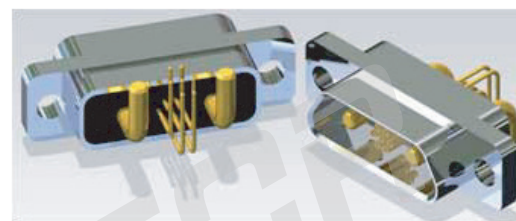
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J30J 04P04 0 P 000 W1 000 M □



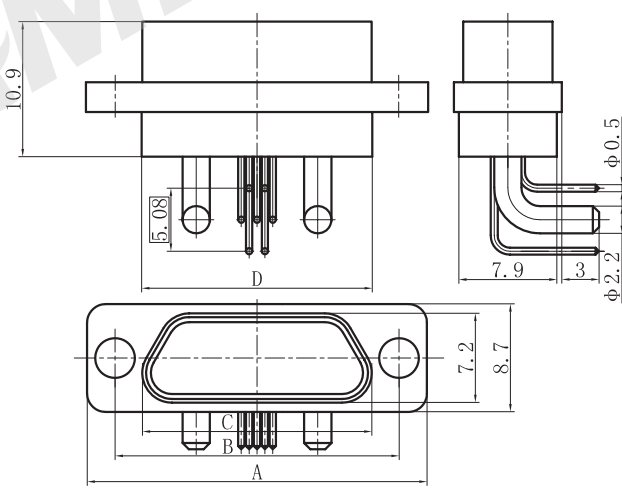
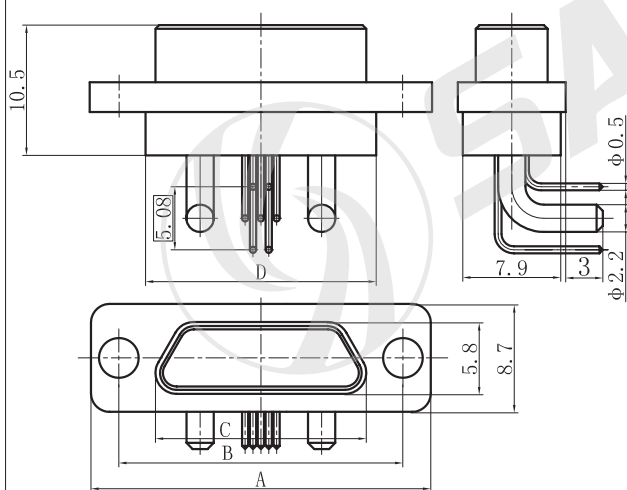
J30J 09P02 J S W01 W1 000 M □



J30J 09P02 K P W01 W1 000 M □

■ J30J □□P□□ □ S □□□ W1 000 M □

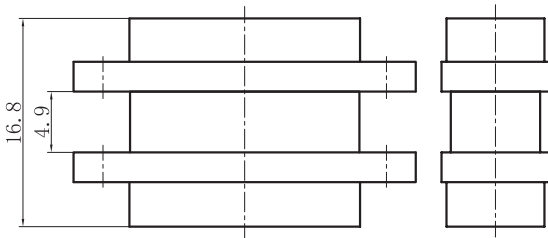
■ J30J □□P□□ □ P □□□ W1 000 M □



插头规格号	尺寸				插座规格号	尺寸			
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J30J02P020S000W1000M □	23.2	18.8	12.9	14.5	J30J02P020P000W1000M □	23.2	18.8	14.4	14.5
J30J03P030S000W1000M □	27.3	22.9	17	18.6	J30J03P030P000W1000M □	27.3	22.9	18.5	18.6
J30J04P040S000W1000M □	31.4	27	21.1	22.7	J30J04P040P000W1000M □	31.4	27	22.6	22.7
J30J05P050S000W1000M □	36.3	30.9	25	26.6	J30J05P050P000W1000M □	36.3	30.9	26.5	26.6
J30J06P060S000W1000M □	39.6	35.2	29.3	30.9	J30J06P060P000W1000M □	39.6	35.2	30.8	30.9
J30J07P070S000W1000M □	43.7	39.3	33.4	35	J30J07P070P000W1000M □	43.7	39.3	34.9	35
J30J08P080S000W1000M □	47.8	43.4	37.5	39.1	J30J08P080P000W1000M □	47.8	43.4	39	39.1
J30J09P090S000W1000M □	51.9	47.5	41.6	43.2	J30J09P090P000W1000M □	51.9	47.5	43.1	43.2
J30J10P100S000W1000M □	56	51.6	45.7	47.3	J30J10P100P000W1000M □	56	51.6	47.2	47.3
J30J09P02JSW01W1000M □	29.7	24.5	18.6	20.2	J30J09P02KPW01W1000M □	29.7	24.5	20.1	20.2
J30J11P04JSW01W1000M □	36.3	30.9	25	26.6	J30J11P04KPW01W1000M □	36.3	30.9	26.5	26.6
J30J21P02JSW01W1000M □	36.3	30.9	25	26.6	J30J21P02KPW01W1000M □	36.3	30.9	26.5	26.6
J30J25P02JSW01W1000M □	36.3	30.9	25	26.6	J30J25P02KPW01W1000M □	36.3	30.9	26.5	26.6
J30J27P02JSW01W1000M □	36.3	30.9	25	26.6	J30J27P02KPW01W1000M □	36.3	30.9	26.5	26.6
J30J39P02JSW01W1000M □	42.8	37.3	31.4	33	J30J39P02KPW01W1000M □	42.8	37.3	32.9	33

锁紧组件

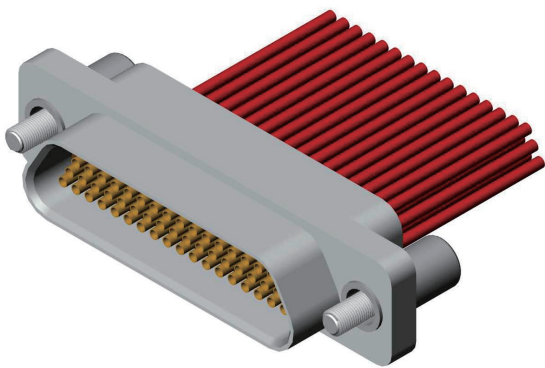
■ 对接示意图



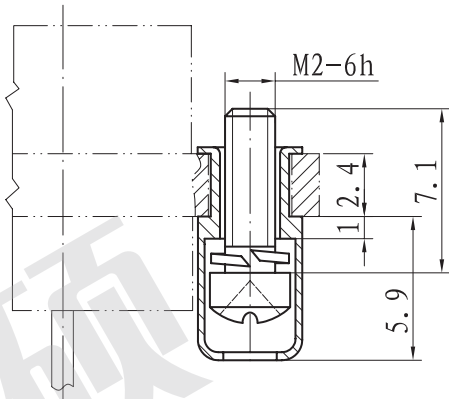
■ J30J系列大小电流混装矩形电连接器\锁紧附件

■ 自由端锁紧附件

■ J30JL00



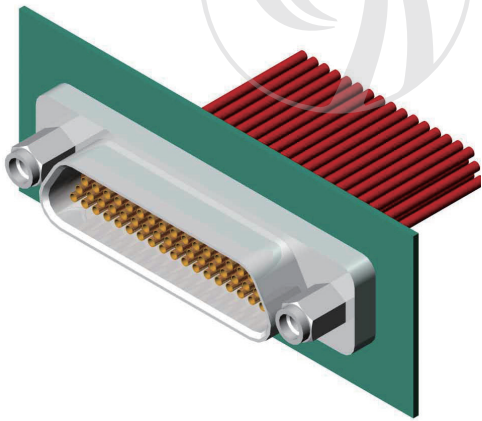
组装示意图



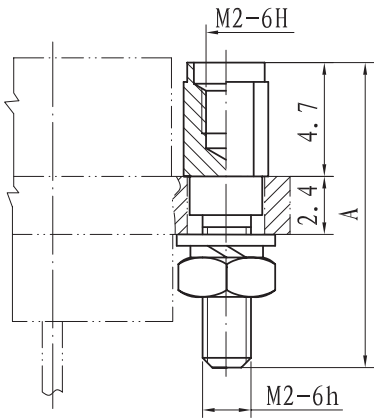
外形尺寸

■ 固定端锁紧附件

■ J30JP00、J30JP12



组装示意图

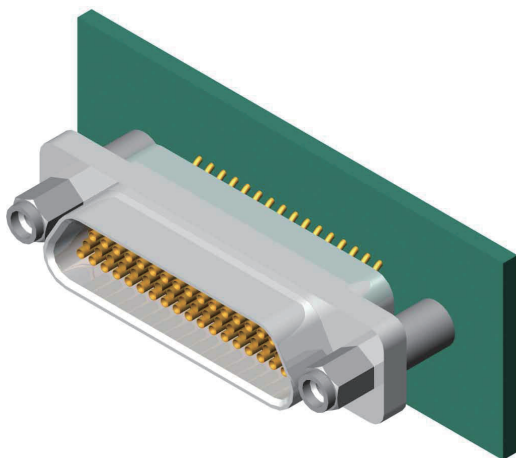


外形尺寸

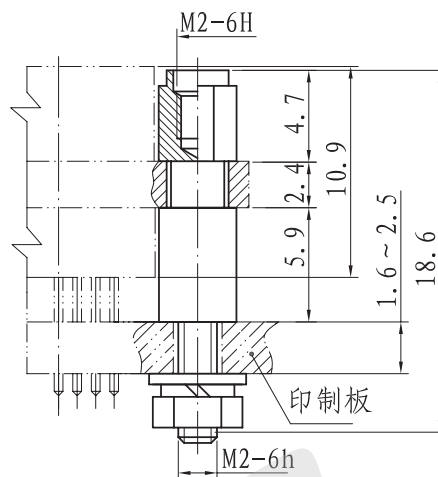
锁紧附件代号	A
J30JP00	12.6
J30JP12	15.6

锁紧组件

- 固定端锁紧附件
- J30JP03

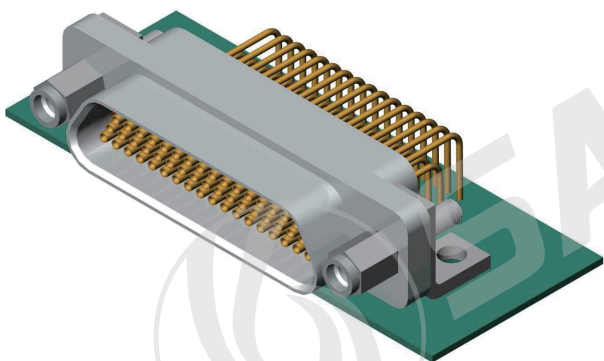


组装示意图

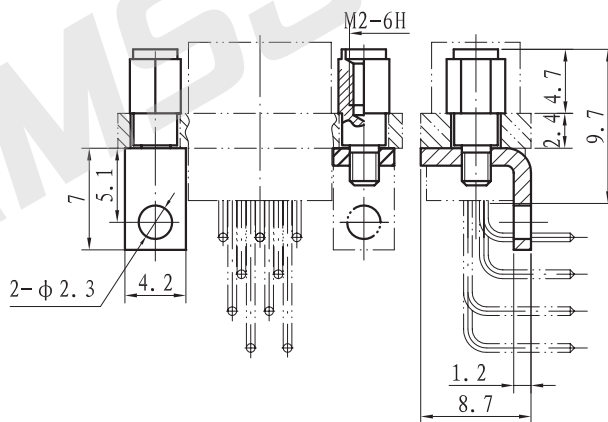


外形尺寸

- 固定端锁紧附件
- J30JP04

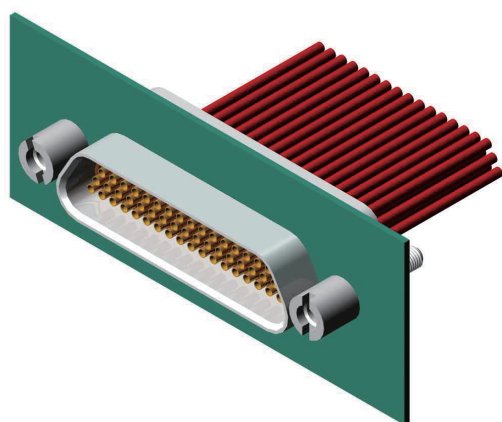


组装示意图

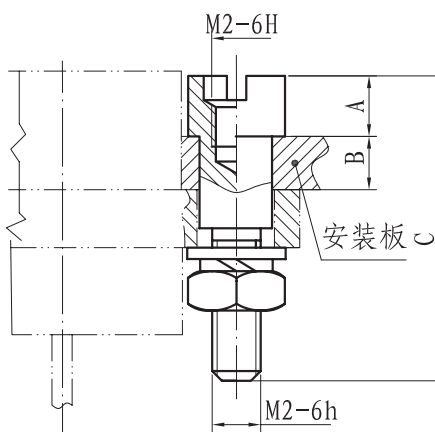


外形尺寸

- 固定端锁紧附件
- J30JP05、J30JP06、J30JP07、J30JP08、J30JP09



组装示意图

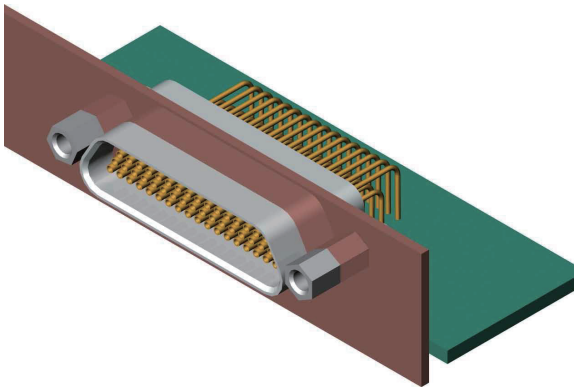


外形尺寸

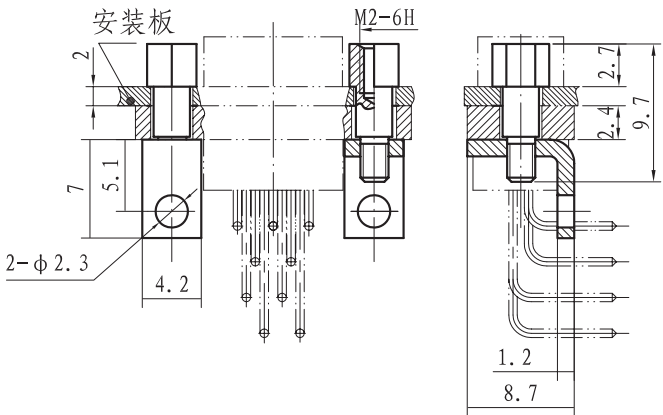
代号	A	B	C
J30JP05	4.1	0.6	12.6
J30JP06	3.3	1.4	12.6
J30JP07	2.5	2.2	12.6
J30JP08	1.3	3.4	12.6
J30JP09	2.7	2	20

锁紧组件

- 固定端锁紧附件
- J30JP10

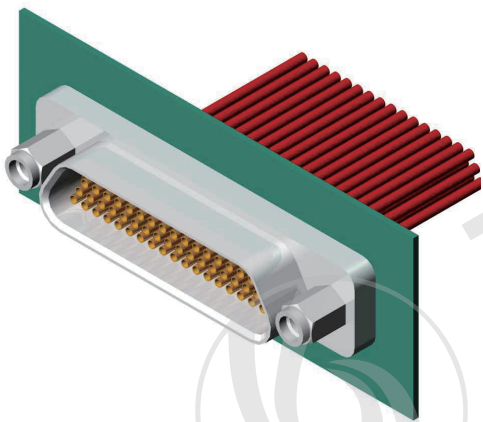


组装示意图

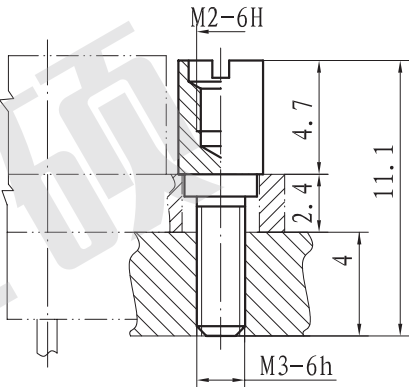


外形尺寸

- 固定端锁紧附件
- J30JP11

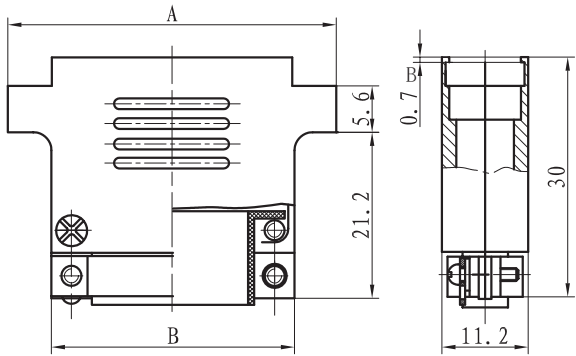


组装示意图

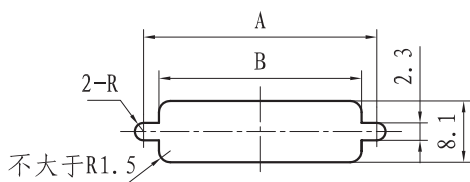
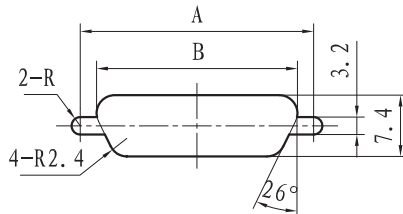


外形尺寸

- 线夹合件
- J30J□□□A3

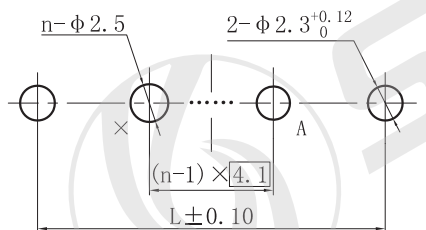


线夹合件代号	A	B	线夹合件代号	A	B
J30J02P02A3	23.3	14.5	J30J10P10A3	56.1	47.3
J30J03P03A3	27.4	18.6	J30J09P02A3	29.8	20.2
J30J04P04A3	31.5	22.7	J30J11P04A3	36.4	26.6
J30J05P05A3	36.4	26.6	J30J21P02A3	36.4	26.6
J30J06P06A3	39.7	30.9	J30J25P02A3	36.4	26.6
J30J07P07A3	43.8	35	J30J27P02A3	36.4	26.6
J30J08P08A3	47.9	39.1	J30J39P02A3	42.9	33
J30J09P09A3	52	43.2			

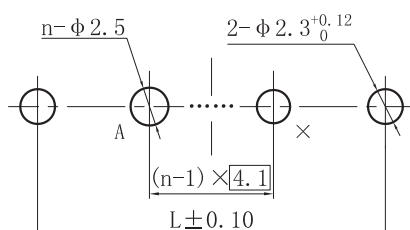
安装开孔尺寸
J30J系列大小电流混装矩形电连接器\安装开孔尺寸
板前安装开孔尺寸

板后安装开孔尺寸


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

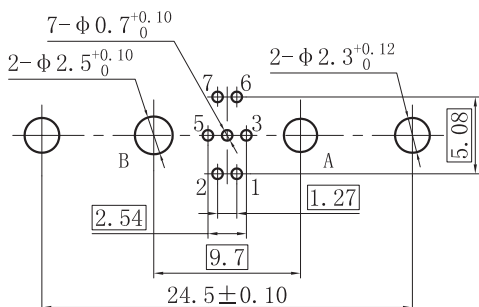
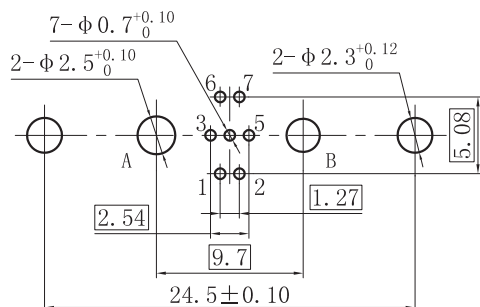
说明：对于 J30JP11 型锁紧附件，板前安装时的安装板开孔两侧螺钉安装孔直接在安装板上开 M3 螺纹孔。

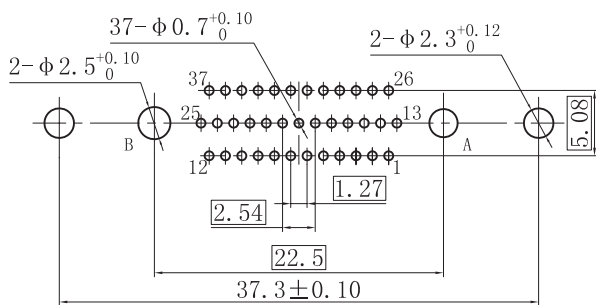
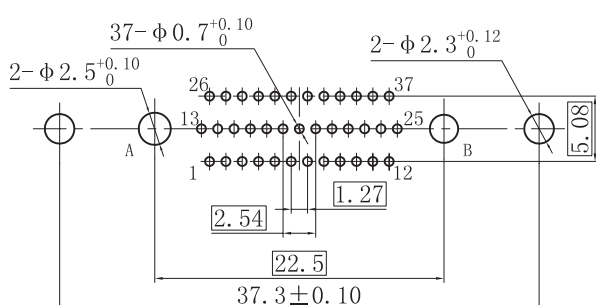
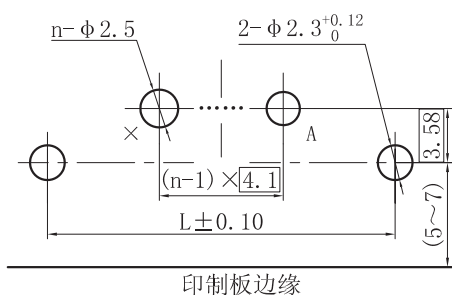
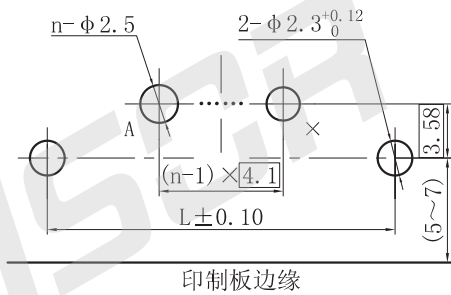
印制板开孔尺寸
J30J□□P□□0S000N10000直插印制板开孔尺寸


接触件排列	L	n	×
02P02	18.8	2	B
03P03	22.9	3	C
04P04	27	4	D
05P05	30.9	5	E
06P06	35.2	6	F

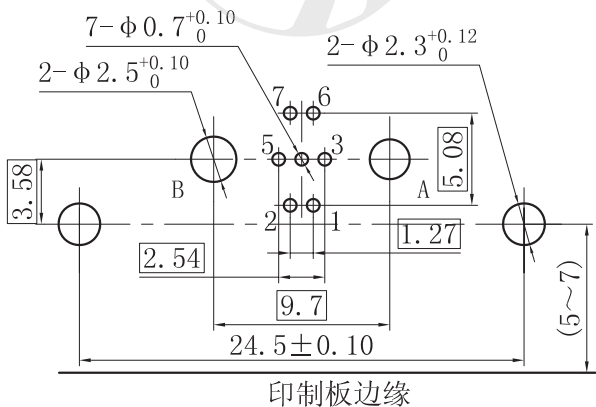
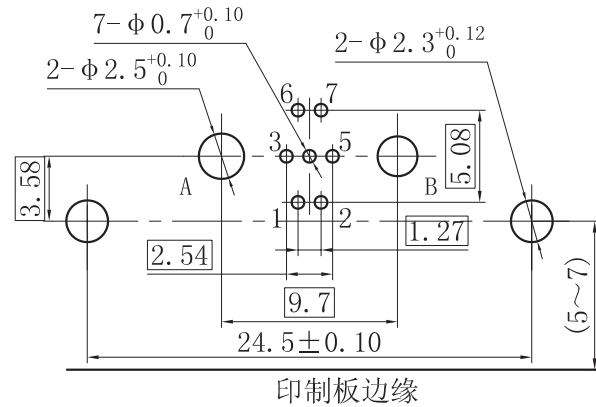
J30J□□P□□0P000N10000直插印制板开孔尺寸


接触件排列	A	n	×
07P07	39.3	7	G
08P08	43.4	8	H
09P09	47.5	9	I
10P10	51.6	10	J

J30J09P02JSN01N10000直插印制板开孔尺寸

J30J09P02KPN01N10000直插印制板开孔尺寸


印制板开孔尺寸
J30J39P02JSN01N10000直插印制板开孔尺寸

J30J39P02KPN01N10000直插印制板开孔尺寸

J30J□□P□□0S000W10000弯插印制板开孔尺寸

J30J□□P□□0P000W10000弯插印制板开孔尺寸


接触件排列	L	n	×	接触件排列	A	n	×
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				

J30J09P02JSW01W10000弯插印制板开孔尺寸

J30J09P02KPW01W10000弯插印制板开孔尺寸


印制板开孔尺寸
