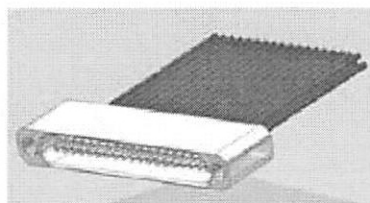
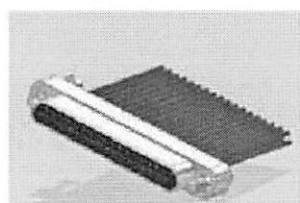


## J30JZ 系列低插拔力微型矩形电连接器



### 产品特点

该系列产品的外形尺寸较同规格J30J 常规产品外形尺寸小;长度短5mm (min), 宽度小2.9mm (min), 高度低2mm (min)。体积仅有J30J 常规产品的40%左右, 是一种结构合理可靠的微式矩形电连接器。

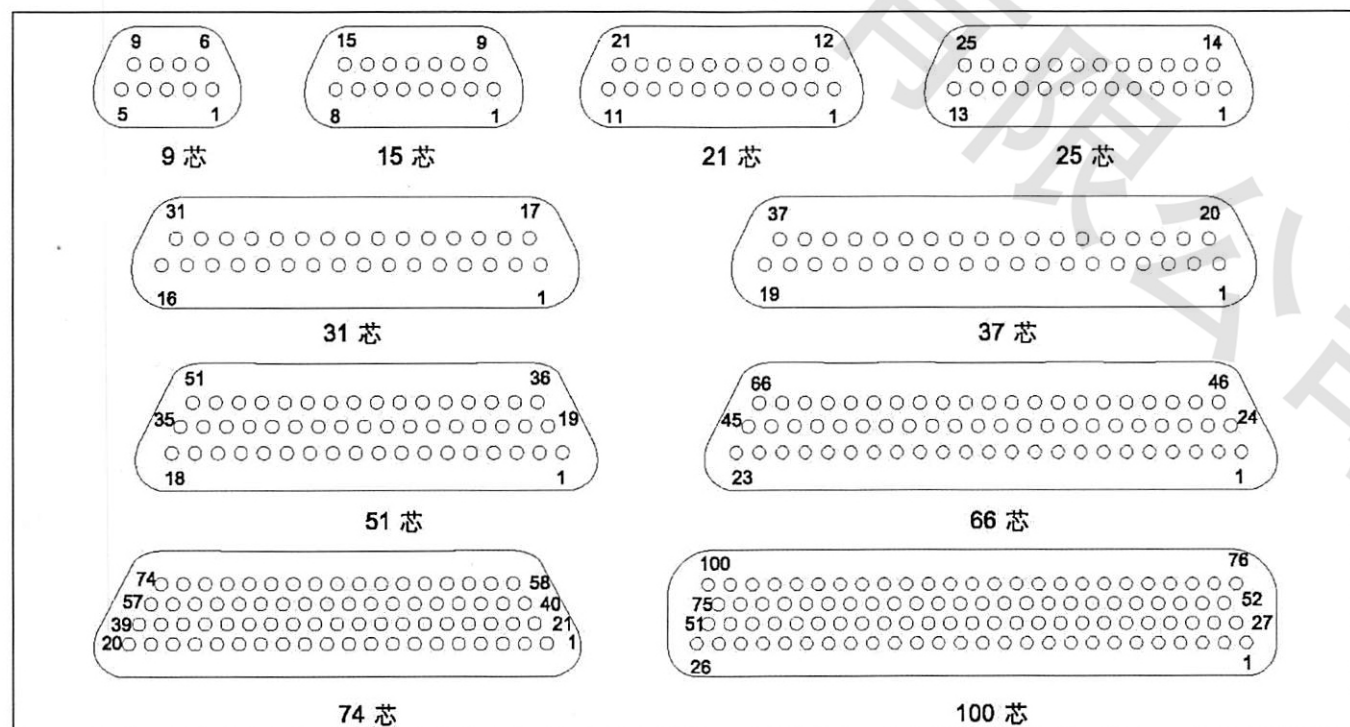
### 产品特征简介

- ☆ 芯数: 9、15、21、25、37、51、66、74、100 芯;
- ☆ 接触件网络(从对接端面看): 间距1.27mm, 排距1.1mm;
- ☆ 插头端采用低插拔力绞线式弹性插针, 插拔力低、接触可靠性高, 机械寿命长;
- ☆ 接触件尾端形式: 压接式、焊杯式、直插式、弯插式;
- ☆ 导线线芯截面积 $0.1\text{mm}^2 \sim 0.15\text{mm}^2$ 。此外, 还可采用线芯截面积为 $0.07\text{mm}^2$ 的导线, 但产品型号需特殊注明;
- ☆ 产品性能符合GJB2446 的要求
- ☆ 执行标准: Q/FY QJ0007-2013 《J30JZ系列低插拔力微矩形电连接器详细规范》

### 主要技术特征

|      |                                                 |      |                           |
|------|-------------------------------------------------|------|---------------------------|
| 环境温度 | $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$ | 接触电阻 | $\leq 10\text{m}\Omega$   |
| 振 动  | 10Hz~2000Hz 196m/s <sup>2</sup>                 | 绝缘电阻 | $\geq 5000\text{M}\Omega$ |
| 随机振动 | 功率谱密度 $0.4\text{G}^2/\text{Hz}$ 总加速度均方根值23.1G   | 介质耐压 | 600V                      |
| 冲 击  | $735\text{m/s}^2$ 11ms                          | 机械寿命 | 20000 次                   |
| 额定电流 | 3A                                              |      |                           |

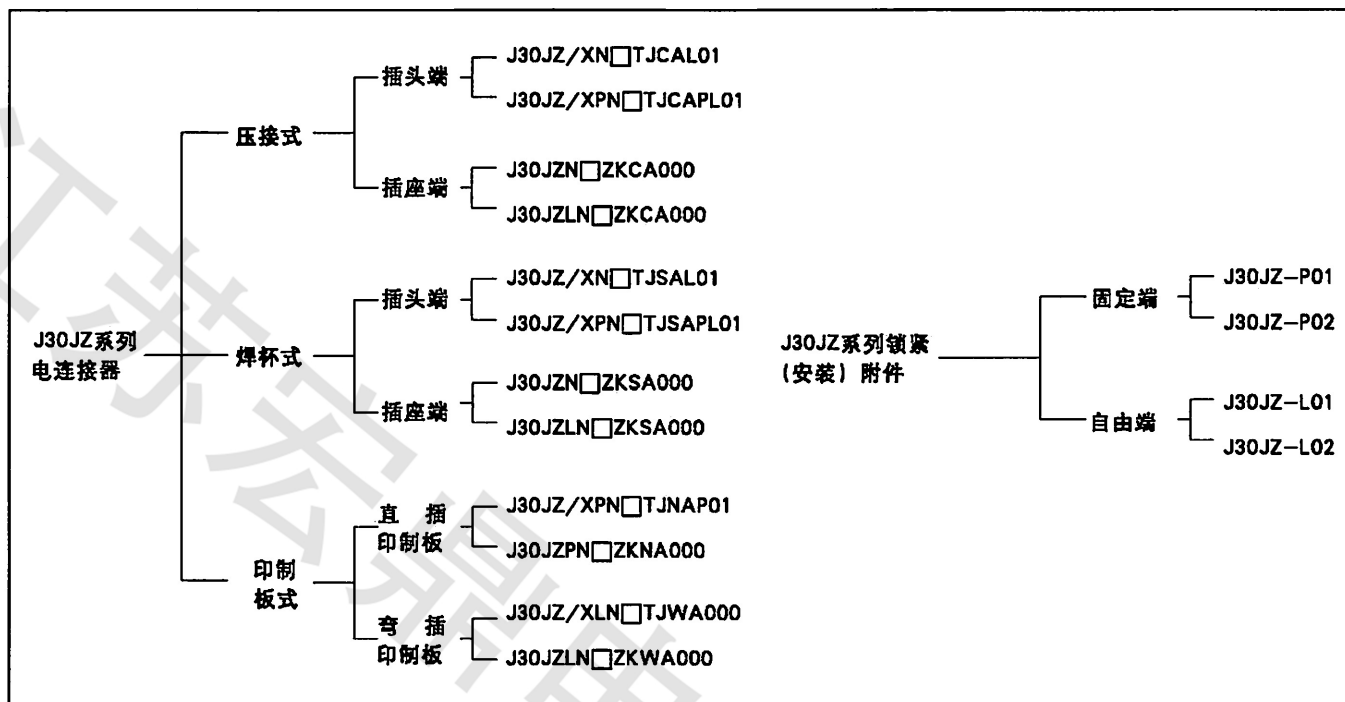
型谱排列 (以插头对接端面示意, 插座端序号为其镜像)



# J30JZ 系列低插拔力微型矩形电连接器

## 产品族谱树

### 插头（座）合件族谱树



## 产品式号命名

|         |   |   |   |    |    |     |        |
|---------|---|---|---|----|----|-----|--------|
| J30JZ/X | □ | □ | □ | TJ | CA | P01 | (附加说明) |
| J30JZ   | □ | □ | □ | ZK | CA | L01 | (附加说明) |
| ①       | ② | ③ | ④ | ⑤  | ⑥  | ⑦   |        |

- 主称代号：J30JZ—体积较J30J 系列同规格常规产品小的微型矩形电连接器；  
J30JZ/X—J30JZ 系列轻插拔力微型矩形电连接器。
- 壳体结构：P—垂直安装结构，L—水平安装结构，不表示—自由端壳体结构；
- 材料和表面处理：N—铝合金电镀镍；G—铝合金镀锡；S—不锈钢钝化。
- 接触件数目：9、15、21、25、31、37、51、66、74、100 芯
- 连接器与接触件种类：TJ—插头装插针；ZK—插座装插孔(TJ、ZK 为固定搭配)；
- 接触件尾端形式：CA—压接；SA—焊接；NA—直插印制板；WA—弯插印制板；
- 锁紧组件类别：000—不带锁紧组件；P01—带安装螺钉锁紧组件；L01—带锁紧螺钉。

注：附加说明不是订货标志的组成部分，顾客在选用时请在括号中注明压接的导线规格如：导线截面积、长度和颜色等。有特殊连线要求时，请给出连线关系。

## 标志示例

J30JZ/XN37TJCAL01 (导线采用AFR-250 0.12mm<sup>2</sup>、线长300mm)

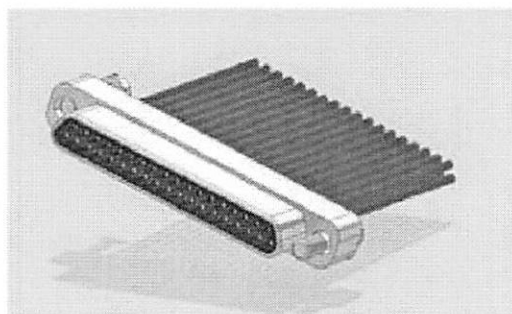
以上标志表示壳体结构为自由端甩线结构，并要求材料为铝合金电镀镍，接触件数目为37 芯、插头装插针、接触件尾端形式为压接式、带J30JZ/X-L01 锁紧组件、导线牌号为AFR-250、导线线芯截面积为0.12mm<sup>2</sup>、导线甩线长度不小于300mm、导线颜色任意但同一批次产品需统一而且所有孔位均压接导线（凡是附加说明未指明导线颜色及不提及各孔位连接导线要求的均按此默认，颜色无特殊说明，默认白色导线）的J30JZ/X 低插拔力微式矩形电连接器。

## J30JZ 系列低插拔力微型矩形电连接器

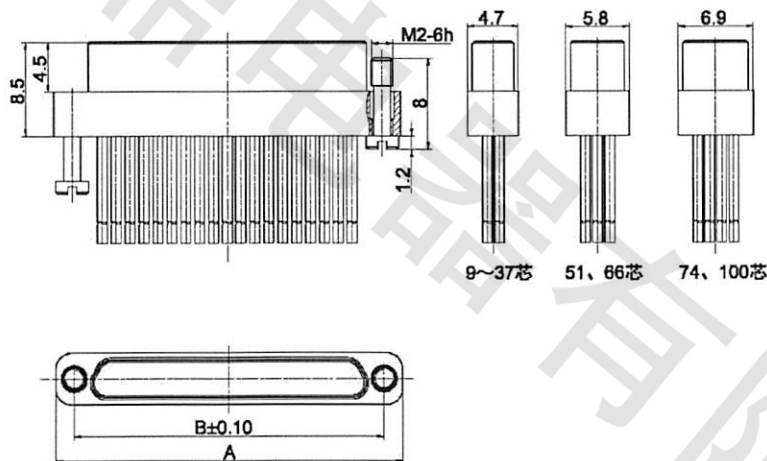
插头J30JZ/X 压接基本式: J30JZ/XN□TJCAL01

自由端壳体结构产品

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZ/XN□TJCAL01

J30JZ系列

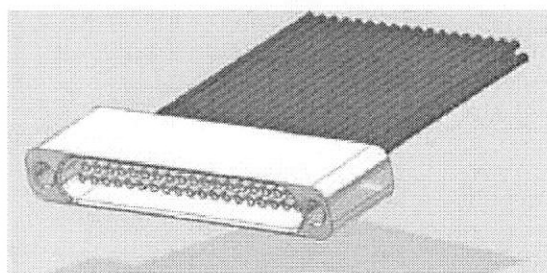
| 订货标志               | A    | B    |
|--------------------|------|------|
| J30JZ/XN9TJCAL01   | 14   | 10.6 |
| J30JZ/XN15TJCAL01  | 17.8 | 14.4 |
| J30JZ/XN21TJCAL01  | 21.6 | 18.2 |
| J30JZ/XN25TJCAL01  | 24.2 | 20.8 |
| J30JZ/XN31TJCAL01  | 28   | 24.6 |
| J30JZ/XN37TJCAL01  | 31.8 | 28.4 |
| J30JZ/XN51TJCAL01  | 30.5 | 27.1 |
| J30JZ/XN66TJCAL01  | 36.9 | 33.5 |
| J30JZ/XN74TJCAL01  | 33.1 | 29.7 |
| J30JZ/XN100TJCAL01 | 40.7 | 37.3 |

## J30JZ 系列低插拔力微型矩形电连接器

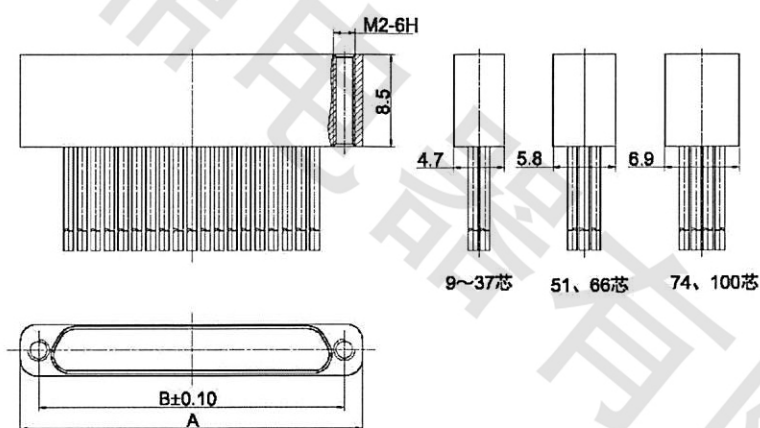
插座J30JZ 压接基本式: J30JZN□ZKCA000

自由端壳体结构(可垂直安装)

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZN□ZKCA000

| 订货标志             | A    | B    |
|------------------|------|------|
| J30JZN9ZKCA000   | 14   | 10.6 |
| J30JZN15ZKCA000  | 17.8 | 14.4 |
| J30JZN21ZKCA000  | 21.6 | 18.2 |
| J30JZN25ZKCA000  | 24.2 | 20.8 |
| J30JZN31ZKCA000  | 28   | 24.6 |
| J30JZN37ZKCA000  | 31.8 | 28.4 |
| J30JZN51ZKCA000  | 30.5 | 27.1 |
| J30JZN66ZKCA000  | 36.9 | 33.5 |
| J30JZN74ZKCA000  | 33.1 | 29.7 |
| J30JZN100ZKCA000 | 40.7 | 37.3 |

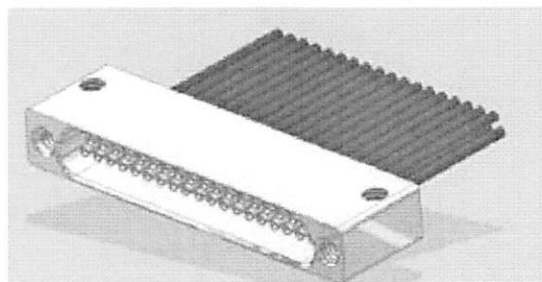


## J30JZ 系列低插拔力微型矩形电连接器

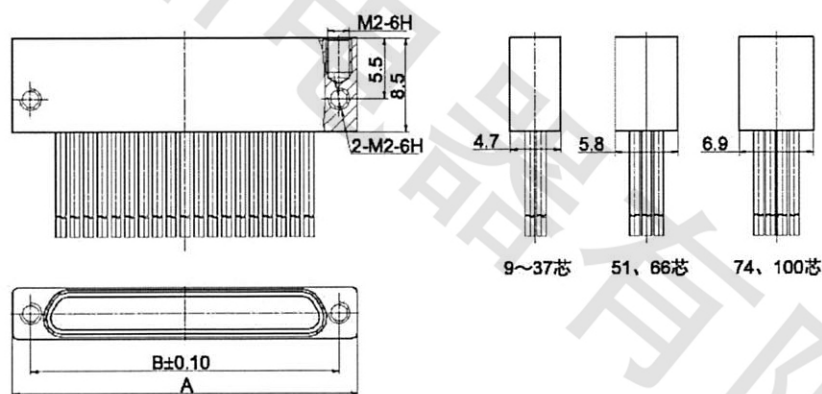
插座 J30JZ 压接基本式: J30JZLN□ZKCA000

水平安装结构

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZLN□ZKCA000

J30JZ系列

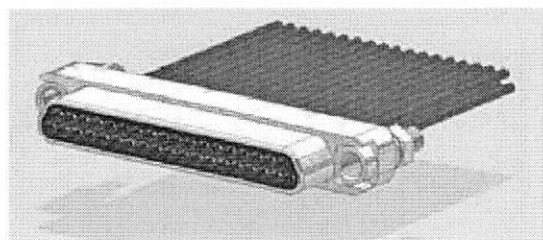
| 订货标志              | A    | B    |
|-------------------|------|------|
| J30JZLN9ZKCA000   | 14   | 10.6 |
| J30JZLN15ZKCA000  | 17.8 | 14.4 |
| J30JZLN21ZKCA000  | 21.6 | 18.2 |
| J30JZLN25ZKCA000  | 24.2 | 20.8 |
| J30JZLN31ZKCA000  | 28   | 24.6 |
| J30JZLN37ZKCA000  | 31.8 | 28.4 |
| J30JZLN51ZKCA000  | 30.5 | 27.1 |
| J30JZLN66ZKCA000  | 36.9 | 33.5 |
| J30JZLN74ZKCA000  | 33.1 | 29.7 |
| J30JZLN100ZKCA000 | 40.7 | 37.3 |

## J30JZ 系列低插拔力微型矩形电连接器

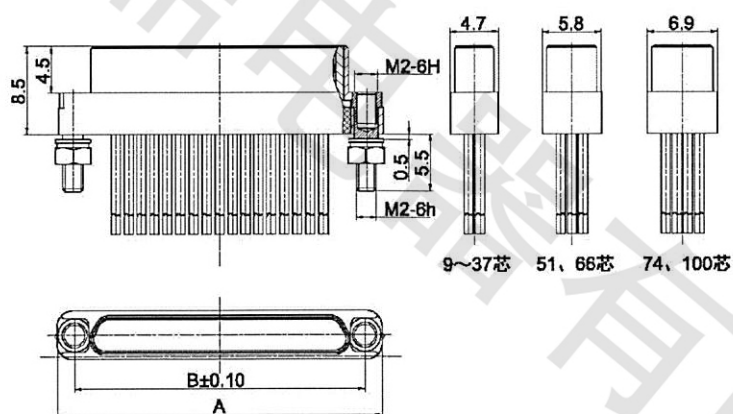
插头 J30JZ/X 压接基本式\J30JZ/XPN□TJCAP01

垂直安装式壳体结构

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZ/XPN□TJCAP01

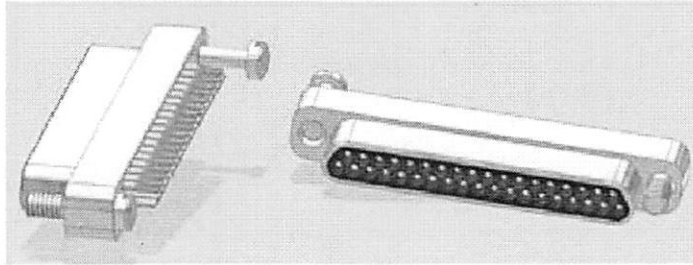
| 订货标志                | A    | B    |
|---------------------|------|------|
| J30JZ/XPN9TJCAP01   | 14   | 10.6 |
| J30JZ/XPN15TJCAP01  | 17.8 | 14.4 |
| J30JZ/XPN21TJCAP01  | 21.6 | 18.2 |
| J30JZ/XPN25TJCAP01  | 24.2 | 20.8 |
| J30JZ/XPN31TJCAP01  | 28   | 24.6 |
| J30JZ/XPN37TJCAP01  | 31.8 | 28.4 |
| J30JZ/XPN51TJCAP01  | 30.5 | 27.1 |
| J30JZ/XPN66TJCAP01  | 36.9 | 33.5 |
| J30JZ/XPN74TJCAP01  | 33.1 | 29.7 |
| J30JZ/XPN100TJCAP01 | 40.7 | 37.3 |

## J30JZ 系列低插拔力微型矩形电连接器

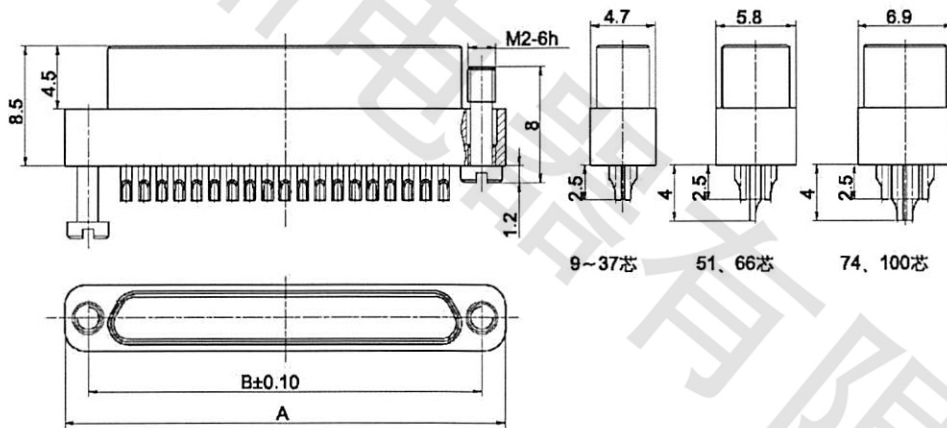
插头 J30JZ/X 焊接式: J30JZ/XN□TJSAL01

自由端壳体结构

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZ/XN□TJSAL01

J30JZ系列

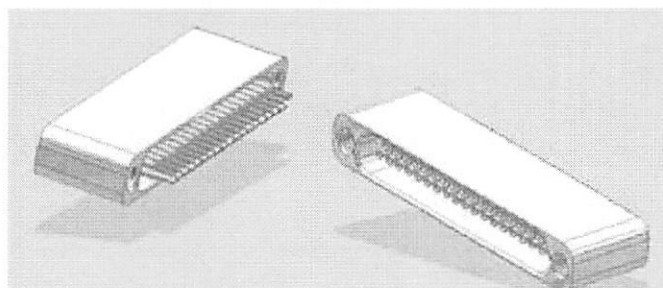
| 订货标志               | A    | B    |
|--------------------|------|------|
| J30JZ/XN9TJSAL01   | 14   | 10.6 |
| J30JZ/XN15TJSAL01  | 17.8 | 14.4 |
| J30JZ/XN21TJSAL01  | 21.6 | 18.2 |
| J30JZ/XN25TJSAL01  | 24.2 | 20.8 |
| J30JZ/XN31TJSAL01  | 28   | 24.6 |
| J30JZ/XN37TJSAL01  | 31.8 | 28.4 |
| J30JZ/XN51TJSAL01  | 30.5 | 27.1 |
| J30JZ/XN66TJSAL01  | 36.9 | 33.5 |
| J30JZ/XN74TJSAL01  | 33.1 | 29.7 |
| J30JZ/XN100TJSAL01 | 40.7 | 37.3 |

## J30JZ 系列低插拔力微型矩形电连接器

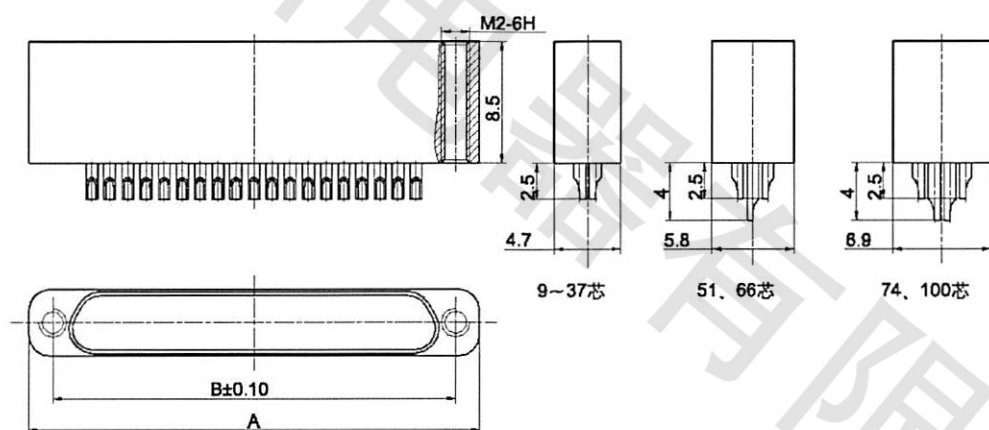
插座 J30JZ 焊接式: J30JZN□ZKSA000

自由端壳体结构(可垂直安装)

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZN□ZKSA000

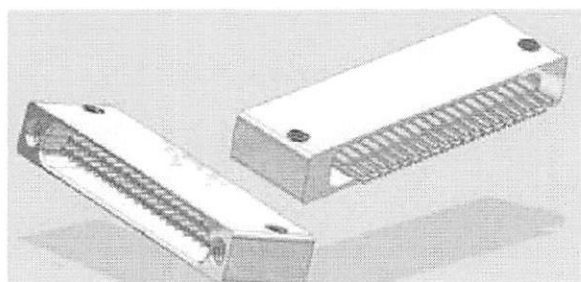
| 订货标志             | A    | B    |
|------------------|------|------|
| J30JZN9ZKSA000   | 14   | 10.6 |
| J30JZN15ZKSA000  | 17.8 | 14.4 |
| J30JZN21ZKSA000  | 21.6 | 18.2 |
| J30JZN25ZKSA000  | 24.2 | 20.8 |
| J30JZN31ZKSA000  | 28   | 24.6 |
| J30JZN37ZKSA000  | 31.8 | 28.4 |
| J30JZN51ZKSA000  | 30.5 | 27.1 |
| J30JZN66ZKSA000  | 36.9 | 33.5 |
| J30JZN74ZKSA000  | 33.1 | 29.7 |
| J30JZN100ZKSA000 | 40.7 | 37.3 |

## J30JZ 系列低插拔力微型矩形电连接器

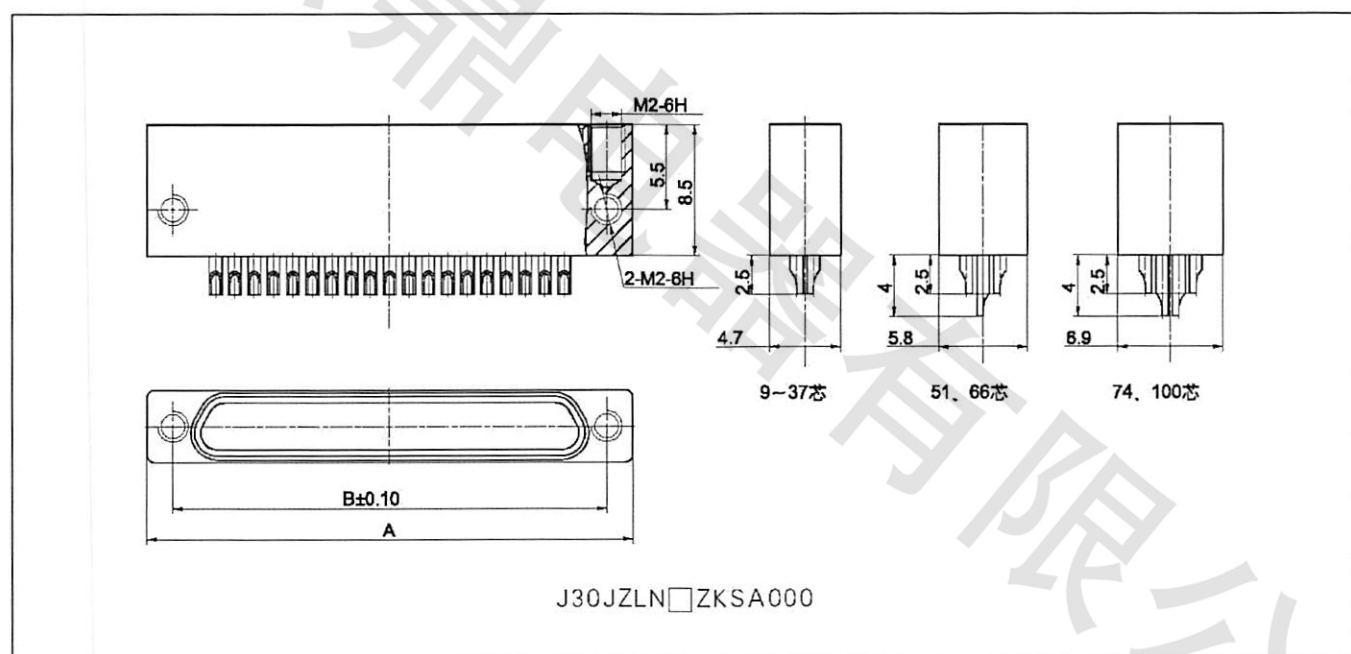
插座 J30JZ 焊接式: J30JZLN□ZKSA000

水平安装结构

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



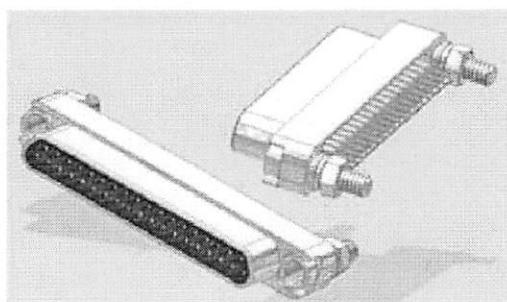
| 订货标志              | A    | B    |
|-------------------|------|------|
| J30JZLN9ZKSA000   | 14   | 10.6 |
| J30JZLN15ZKSA000  | 17.8 | 14.4 |
| J30JZLN21ZKSA000  | 21.6 | 18.2 |
| J30JZLN25ZKSA000  | 24.2 | 20.8 |
| J30JZLN31ZKSA000  | 28   | 24.6 |
| J30JZLN37ZKSA000  | 31.8 | 28.4 |
| J30JZLN51ZKSA000  | 30.5 | 27.1 |
| J30JZLN66ZKSA000  | 36.9 | 33.5 |
| J30JZLN74ZKSA000  | 33.1 | 29.7 |
| J30JZLN100ZKSA000 | 40.7 | 37.3 |

## J30JZ 系列低插拔力微型矩形电连接器

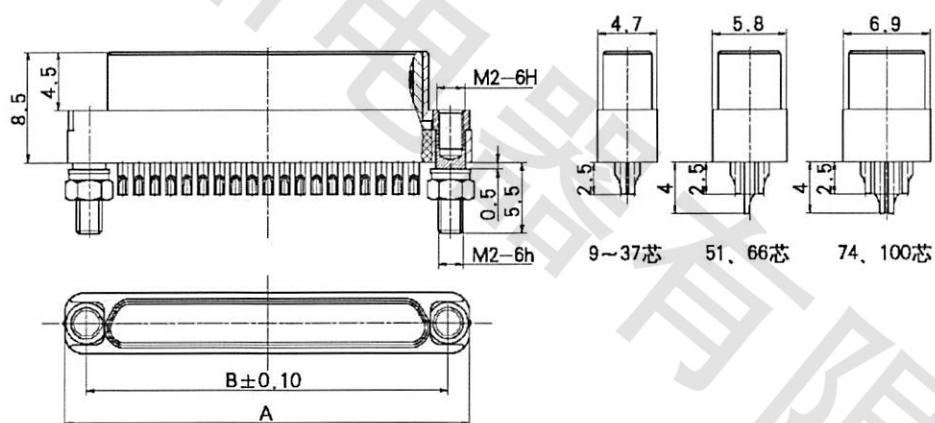
插头 J30JZ/X 焊接式\J30JZ/XPN□TJSAP01

### 垂直安装式壳体结构

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZ/XPN□TJSAP01

| 订货标志                | A    | B    |
|---------------------|------|------|
| J30JZ/XPN9TJSAP01   | 14   | 10.6 |
| J30JZ/XPN15TJSAP01  | 17.8 | 14.4 |
| J30JZ/XPN21TJSAP01  | 21.6 | 18.2 |
| J30JZ/XPN25TJSAP01  | 24.2 | 20.8 |
| J30JZ/XPN31TJSAP01  | 28   | 24.6 |
| J30JZ/XPN37TJSAP01  | 31.8 | 28.4 |
| J30JZ/XPN51TJSAP01  | 30.5 | 27.1 |
| J30JZ/XPN66TJSAP01  | 36.9 | 33.5 |
| J30JZ/XPN74TJSAP01  | 33.1 | 29.7 |
| J30JZ/XPN100TJSAP01 | 40.7 | 37.3 |

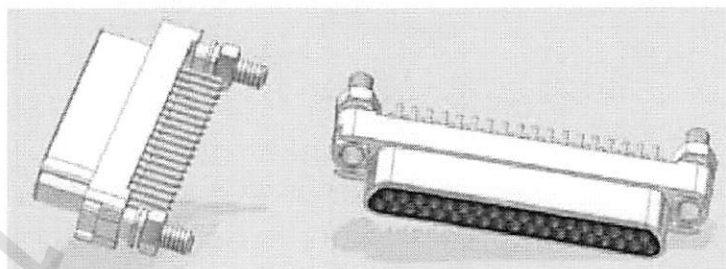
## J30JZ 系列低插拔力微型矩形电连接器

插头 J30JZ/X 直插式\J30JZ/XPN□TJNAP01

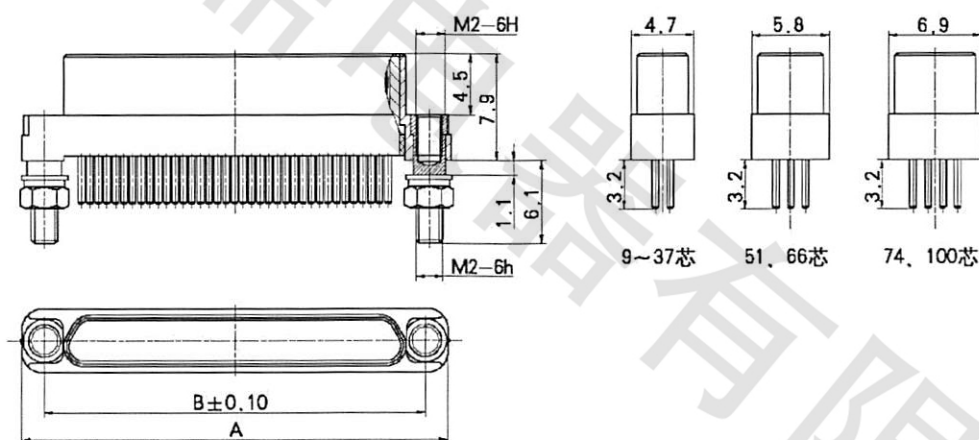
垂直安装, 网络间距 (间距×排距): 1.27×1.1

适用于印制板厚度: 2.5 (max)

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZ/XPN9TJNAP01

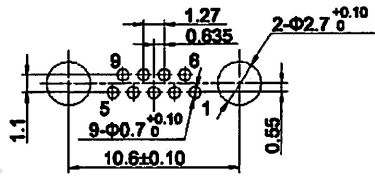
| 订货标志                | A    | B    |
|---------------------|------|------|
| J30JZ/XPN9TJNAP01   | 14   | 10.6 |
| J30JZ/XPN15TJNAP01  | 17.8 | 14.4 |
| J30JZ/XPN21TJNAP01  | 21.6 | 18.2 |
| J30JZ/XPN25TJNAP01  | 24.2 | 20.8 |
| J30JZ/XPN31TJNAP01  | 28   | 24.6 |
| J30JZ/XPN37TJNAP01  | 31.8 | 28.4 |
| J30JZ/XPN51TJNAP01  | 30.5 | 27.1 |
| J30JZ/XPN66TJNAP01  | 36.9 | 33.5 |
| J30JZ/XPN74TJNAP01  | 33.1 | 29.7 |
| J30JZ/XPN100TJNAP01 | 40.7 | 37.3 |



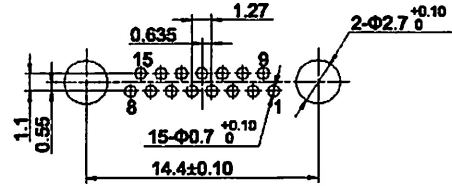
# J30JZ 系列低插拔力微型矩形电连接器

## 印制板开口优选尺寸

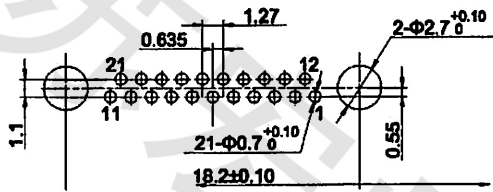
J30JZ/XP9TJNA000



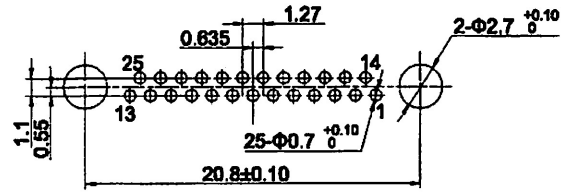
J30JZ/XP15TJNA000



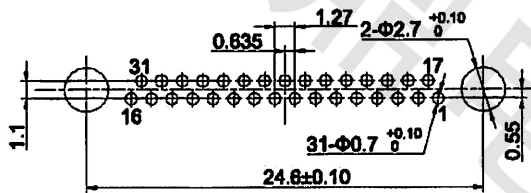
J30JZ/XP21TJNA000



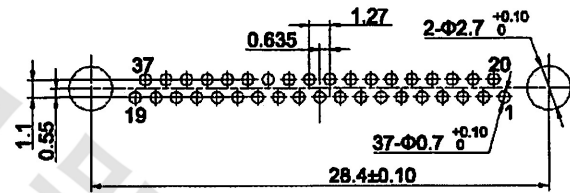
J30JZ/XP25TJNA000



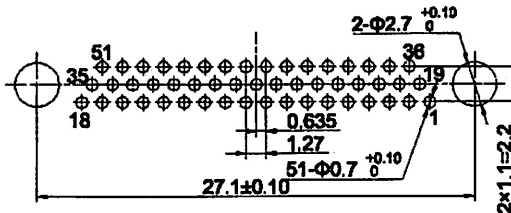
J30JZ/XP31TJNA000



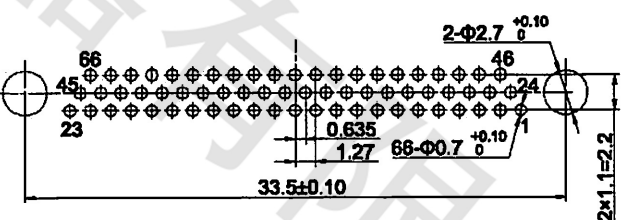
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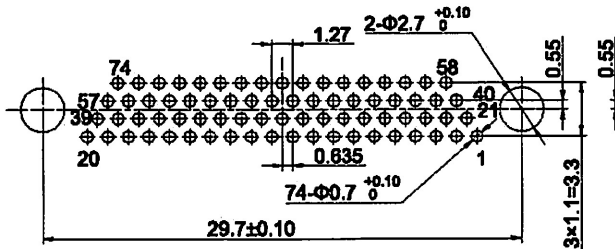
J30JZ/XP51TJNA000



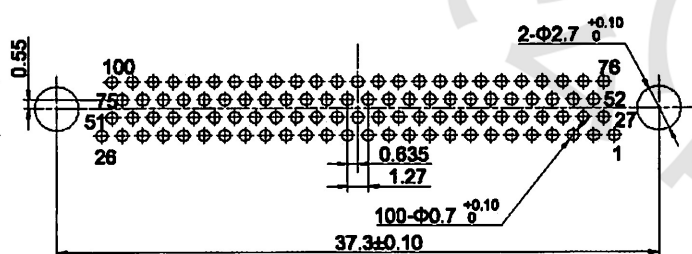
J30JZ/XP66TJNA000



J30JZ/XP74TJNA000



J30JZ/XP100TJNA000



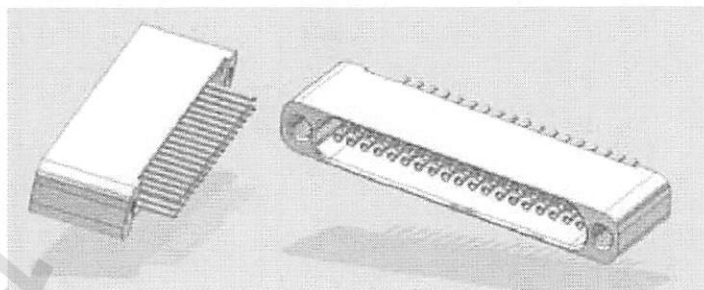
## J30JZ 系列低插拔力微型矩形电连接器

插座 J30JZ 直插式\J30JZPN□ZKNA000

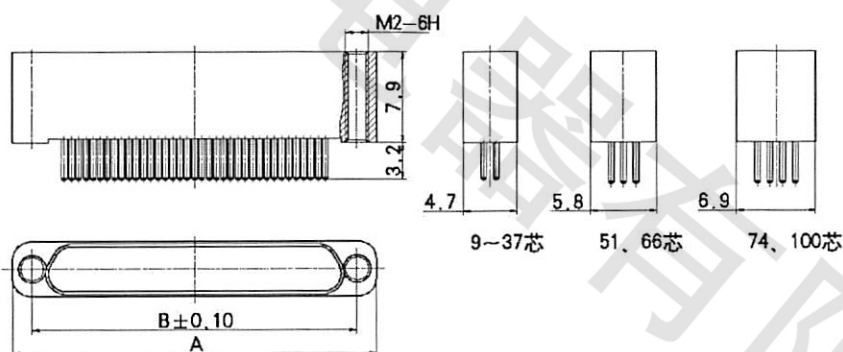
垂直安装, 网络间距 (间距×排距):  $1.27 \times 1.1$

适用于印制板厚度:  $2.5 (\text{max})$

芯数: 9、15、21、25、31、37、51、66、74、100



产品立体图 (37芯)



J30JZPN□ZKNA000

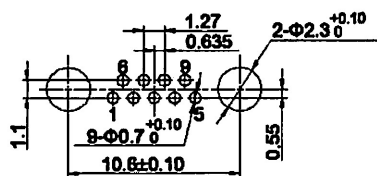
J30JZ系列

| 订货标志              | A    | B    |
|-------------------|------|------|
| J30JZPN9ZKNA000   | 14   | 10.6 |
| J30JZPN15ZKNA000  | 17.8 | 14.4 |
| J30JZPN21ZKNA000  | 21.6 | 18.2 |
| J30JZPN25ZKNA000  | 24.2 | 20.8 |
| J30JZPN31ZKNA000  | 28   | 24.6 |
| J30JZPN37ZKNA000  | 31.8 | 28.4 |
| J30JZPN51ZKNA000  | 30.5 | 27.1 |
| J30JZPN66ZKNA000  | 36.9 | 33.5 |
| J30JZPN74ZKNA000  | 33.1 | 29.7 |
| J30JZPN100ZKNA000 | 40.7 | 37.3 |

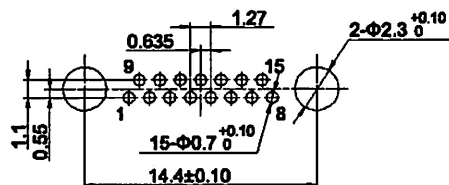
## J30JZ 系列低插拔力微型矩形电连接器

### 印制板开口优选尺寸

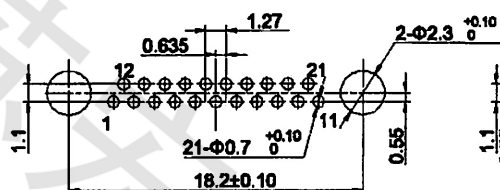
J30JZPN9ZKZKNA000



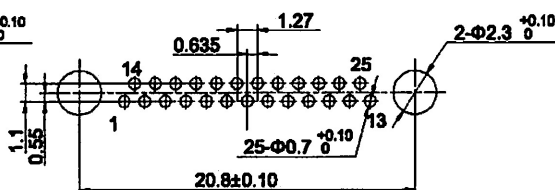
J30JZPN15ZKNA000



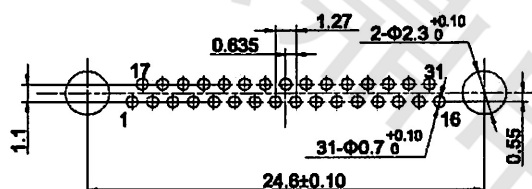
J30JZPN21ZKNA000



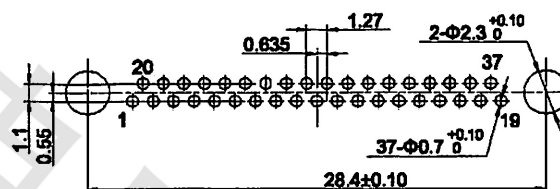
J30JZPN25ZKNA000



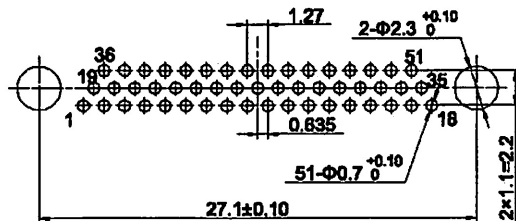
J30JZPN31ZKNA000



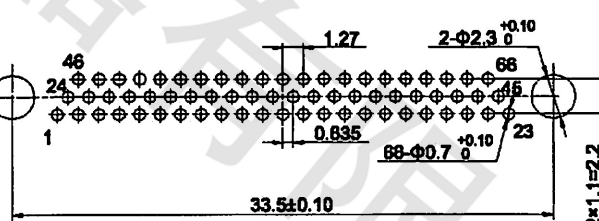
J30JZPN37ZKNA000



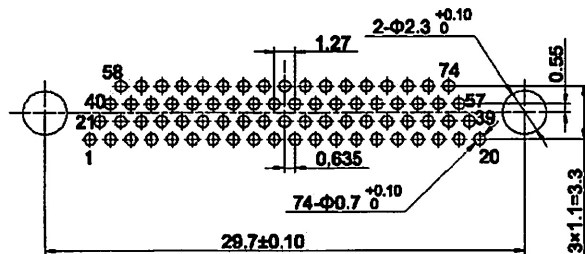
J30JZPN51ZKNA000



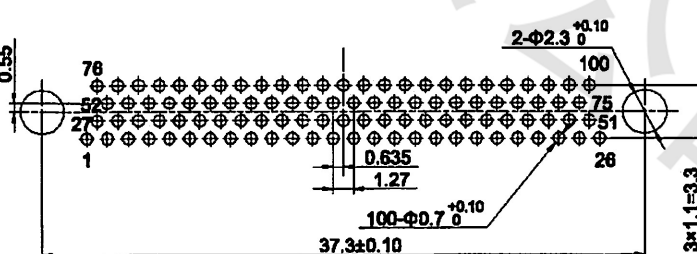
J30JZPN66ZKNA000



J30JZPN74ZKNA000



J30JZPN100ZKNA000



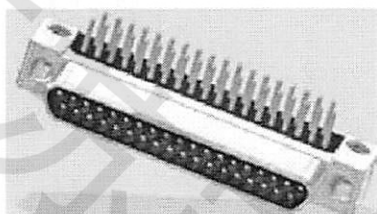
## J30JZ 系列低插拔力微型矩形电连接器

插头 J30JZ/X 弯插式\J30JZ/XLN□TJWA000

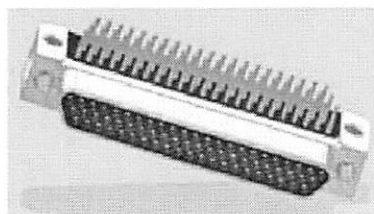
网络间距 (间距×排距):  $1.27 \times 2$

适用印制板厚度:  $2\text{mm (max)}$

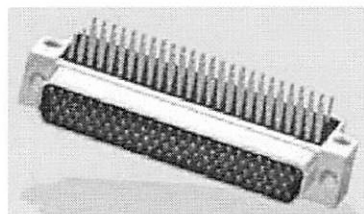
芯数: 9、15、21、25、31、37、51、66、74、100



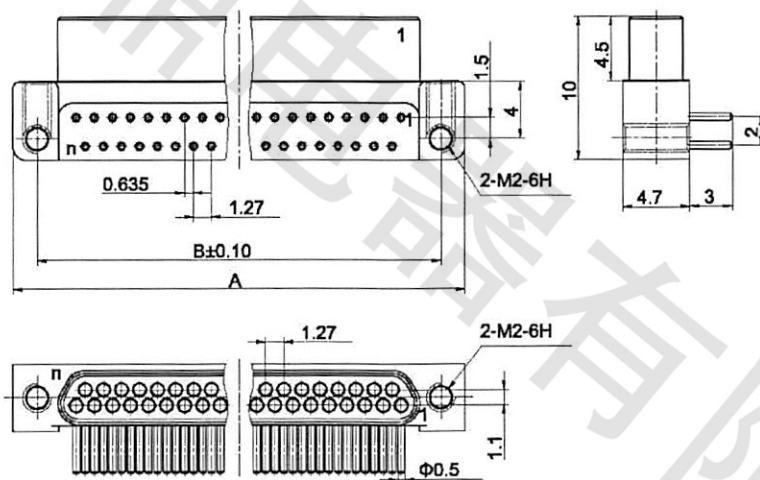
产品立体图 (37芯)



产品立体图 (66芯)



产品立体图 (100芯)

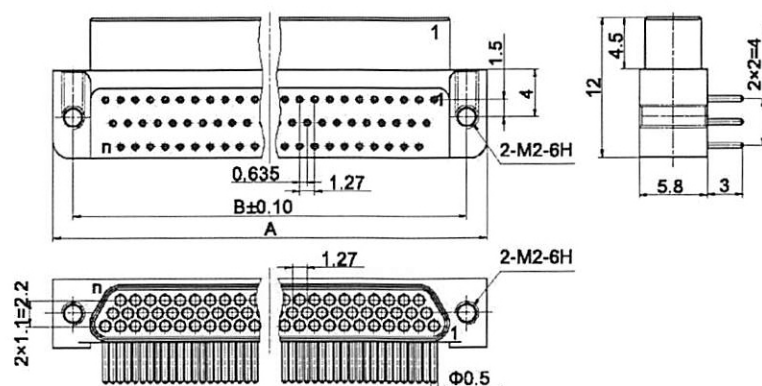


J30JZ/XLN□TJWA000 (9、15、21、25、31、37 芯)

J30JZ系列

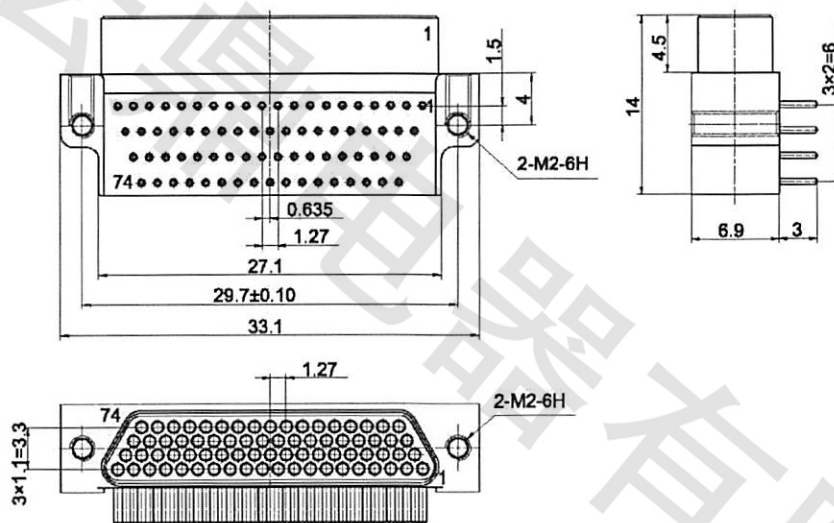
| 订货标志               | A    | B    | n  |
|--------------------|------|------|----|
| J30JZ/XLN9TJWA000  | 14   | 10.6 | 9  |
| J30JZ/XLN15TJWA000 | 17.8 | 14.4 | 15 |
| J30JZ/XLN21TJWA000 | 21.6 | 18.2 | 21 |
| J30JZ/XLN25TJWA000 | 24.2 | 20.8 | 25 |
| J30JZ/XLN31TJWA000 | 28   | 24.6 | 31 |
| J30JZ/XLN37TJWA000 | 31.8 | 28.4 | 37 |

## J30JZ 系列低插拔力微型矩形电连接器

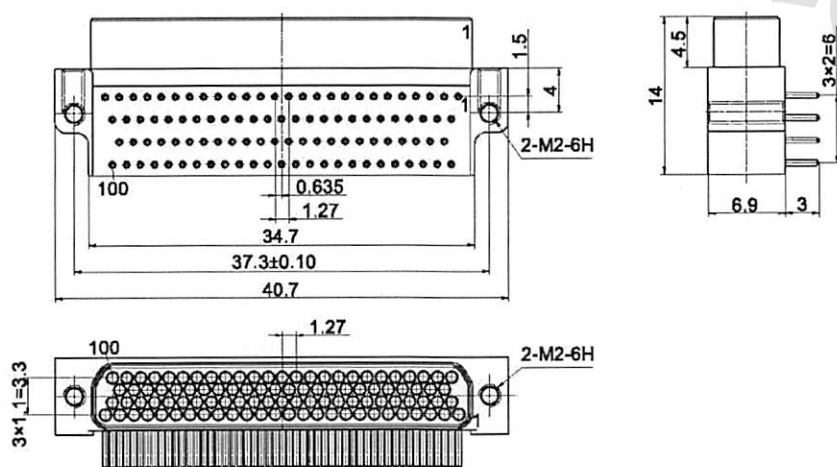


J30JZ/XLN□TJWA000 (51、66 芯)

| 订货标志               | A    | B    | n  |
|--------------------|------|------|----|
| J30JZ/XLN51TJWA000 | 30.5 | 27.1 | 51 |
| J30JZ/XLN66TJWA000 | 36.9 | 33.5 | 66 |



J30JZ/XLN74TJWA000

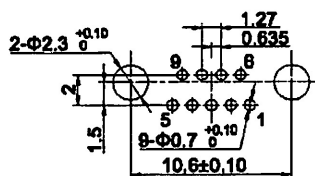


J30JZ/XLN100TJWA000

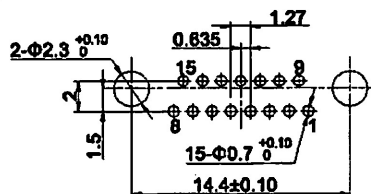
# J30JZ 系列低插拔力微型矩形电连接器

## 印制板开口优选尺寸

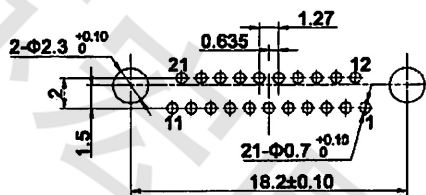
J30JZ/XLN9TJWA000



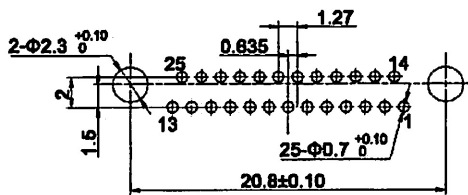
J30JZ/XLN15TJWA000



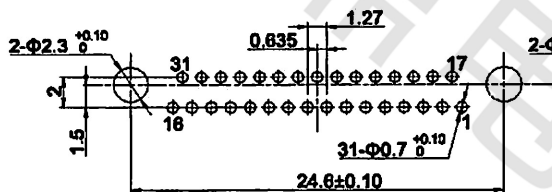
J30JZ/XLN21TJWA000



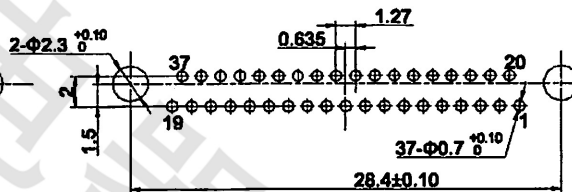
J30JZ/XLN25TJWA000



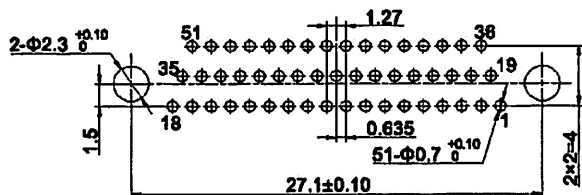
J30JZ/XLN31TJWA000



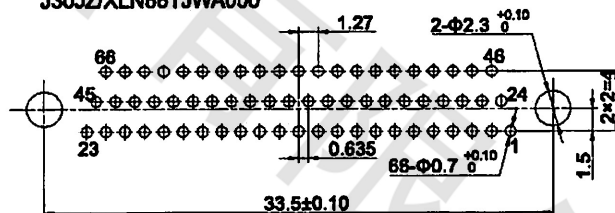
J30JZ/XLN37TJWA000



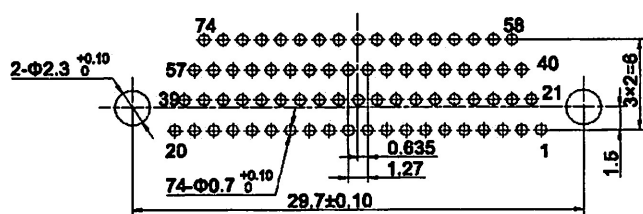
J30JZ/XLN51TJWA000



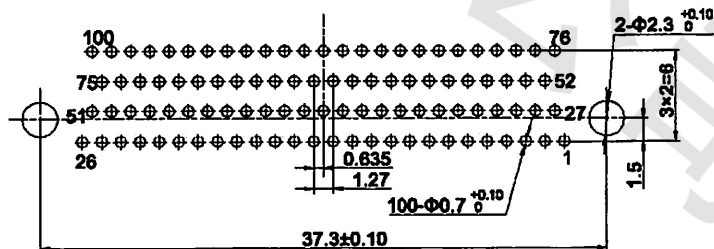
J30JZ/XLN86TJWA000



J30JZ/XLN74TJWA000



J30JZ/XLN100TJWA000



J30JZ系列

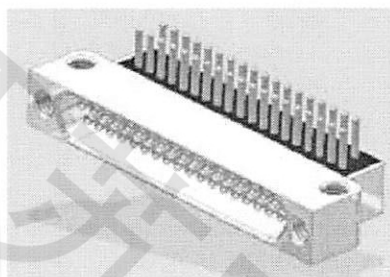
## J30JZ 系列低插拔力微型矩形电连接器

插座 J30JZ 弯插式\J30JZLN□ZKWA000

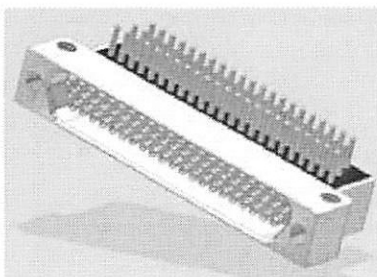
网络间距 (间距×排距): 1.27×2

适用印制板厚度度: 2 (max)

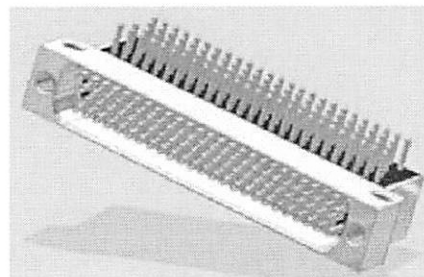
芯数: 9、15、21、25、31、37、51、66、74、100



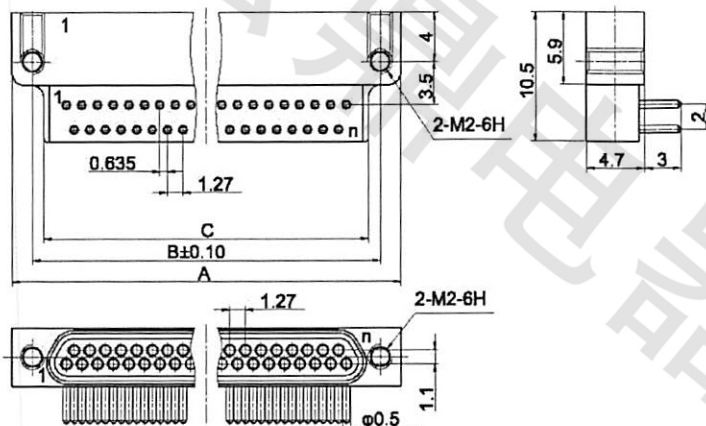
产品立体图 (37芯)



产品立体图 (66芯)

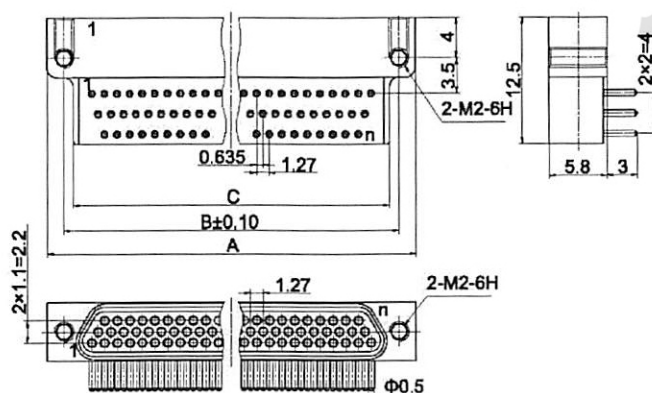


产品立体图 (100芯)



J30JZLN□ZKWA000 (9、15、21、25、31、37 芯)

| 订货标志             | A    | B    | C    | n  |
|------------------|------|------|------|----|
| J30JZLN9ZKWA000  | 14   | 10.6 | 8.7  | 9  |
| J30JZLN15ZKWA000 | 17.8 | 14.4 | 12.5 | 15 |
| J30JZLN21ZKWA000 | 21.6 | 18.2 | 16.3 | 21 |
| J30JZLN25ZKWA000 | 24.2 | 20.8 | 18.9 | 25 |
| J30JZLN31ZKWA000 | 28   | 24.6 | 22.7 | 31 |
| J30JZLN37ZKWA000 | 31.8 | 28.4 | 26.5 | 37 |

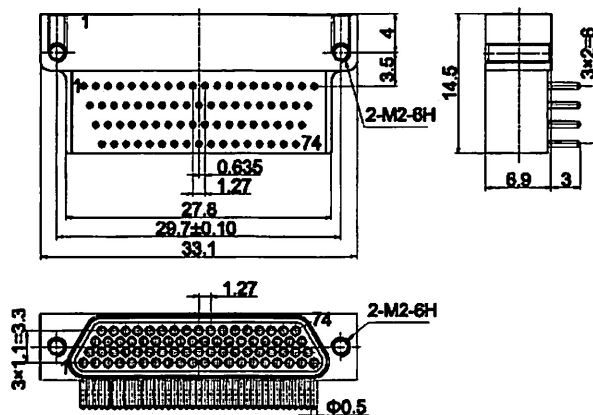


J30JZLN□ZKWA000 (51、66 芯)

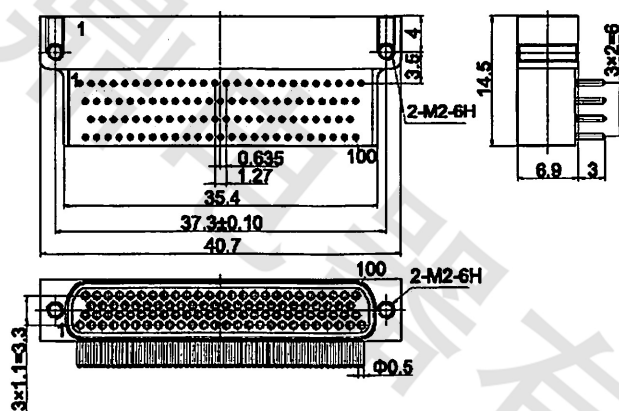
| 订货标志             | A    | B    | C    | n  |
|------------------|------|------|------|----|
| J30JZLN51ZKWA000 | 30.5 | 27.1 | 25.2 | 51 |
| J30JZLN66ZKWA000 | 36.9 | 33.5 | 31.6 | 66 |



## J30JZ 系列低插拔力微型矩形电连接器



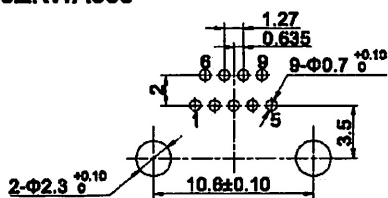
J30JZLN74ZKWA000



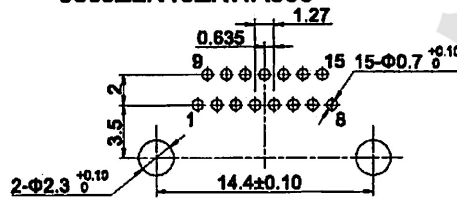
J30JZLN100ZKWA000

印制板开口优选尺寸

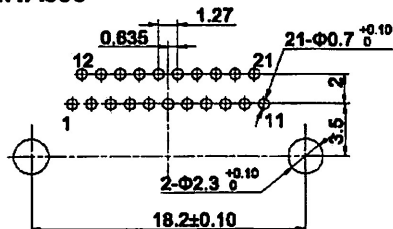
J30JZLN9ZKWA000



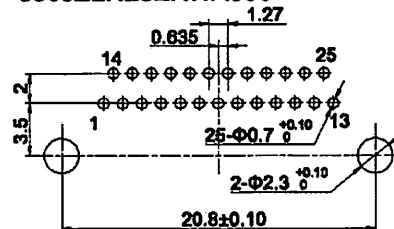
J30JZLN15ZKWA000



J30JZLN21ZKWA000

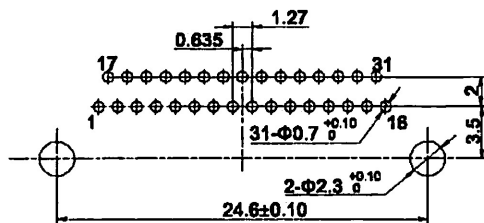


J30JZLN25ZKWA000

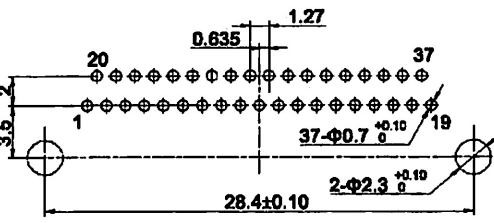


## J30JZ 系列低插拔力微型矩形电连接器

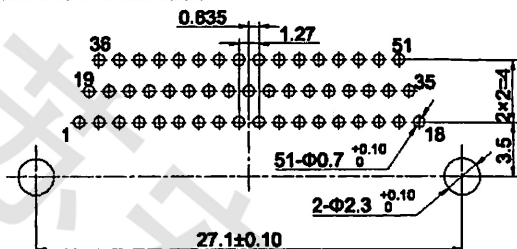
J30JZLN31ZKWA000



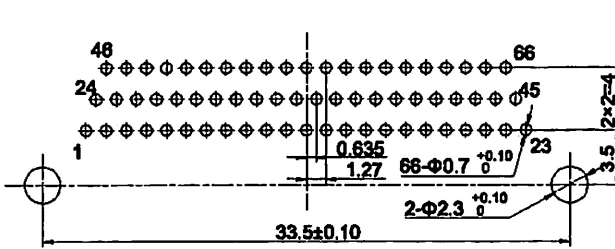
J30JZLN37ZKWA000



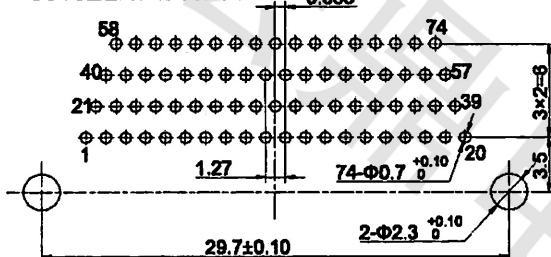
J30JZLN51ZKWA000



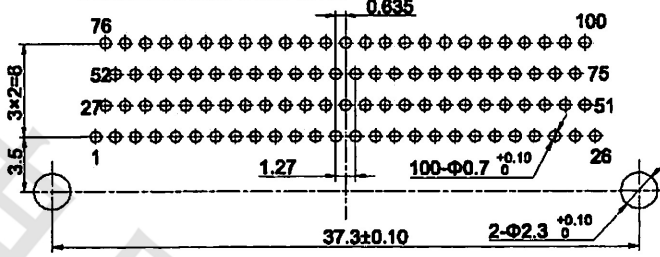
J30JZLN66ZKWA000



J30JZLN74ZKWA000



J30JZLN100ZKWA000

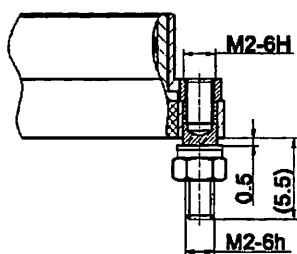


### J30JZ 系列锁紧组件

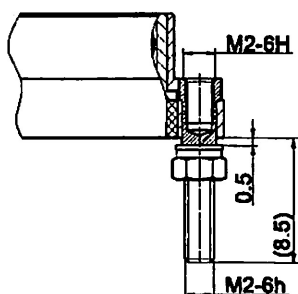
#### 固定端安装附件

J30JZ -P01、J30JZ -P02 安装附件

该附件仅适用于J30JZ 插头端固定安装，安装板开孔时应在安装板上打 $\phi 2.7$  深0.5 (min) 的沉孔。



J30JZ-P01



J30JZ-P02

P01 型锁紧组件使用安装板厚度: 2.5mm (max) ;

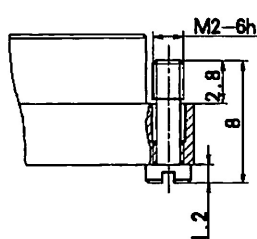
P02 型锁紧组件使用安装板厚度: 5mm (max) 。

#### 自由端安装附件

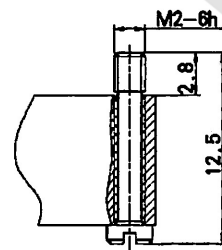
J30JZ -L01、J30JZ -L02 安装附件

J30JZ -L01 锁紧组件仅适用于 J30JZ 插头端锁紧，J30JZ

-L02 锁紧组件仅适用于 J30JZ 插座端锁紧。



J30JZ-L01



J30JZ-L02