

J30 系列微矩形电连接器

产品简介

- 有 9、15、21、25、31、37、51 芯等七种规格；
- 采用弹性插针，接点密度高；
- 导线线芯截面积 $0.1\text{mm}^2 \sim 0.15\text{mm}^2$ ，此外，还可采用 0.07mm^2 的导线，但产品型号特殊；
- 执行标准 Q/HX009。

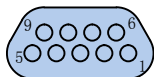


主要技术性能

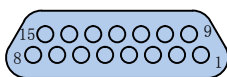
- | | |
|-----------------------------------|--------------------------------------|
| —环境温度：-55℃~+125℃ | —振 动：10Hz~2000Hz 196m/s ² |
| —随机振动：功率谱密度 0.4G ² /Hz | —接触电阻：≤10mΩ总加速度方根值 23.0G |
| —冲 击：735m/s ² 11ms | —绝缘电阻：≥5000MΩ |
| —额定电流：3A | —介质耐压：800V |
| | —机械寿命：500 次 |

型谱（从插头对接端看）

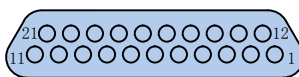
9芯



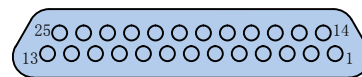
15芯



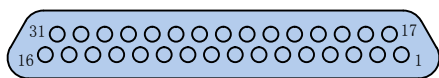
21芯



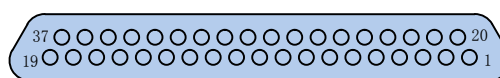
25芯



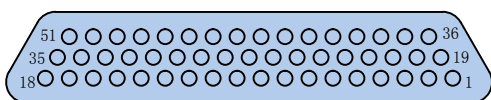
31芯



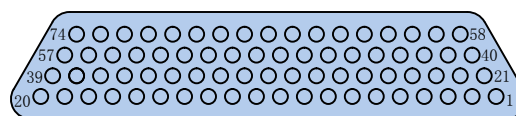
37芯



51芯



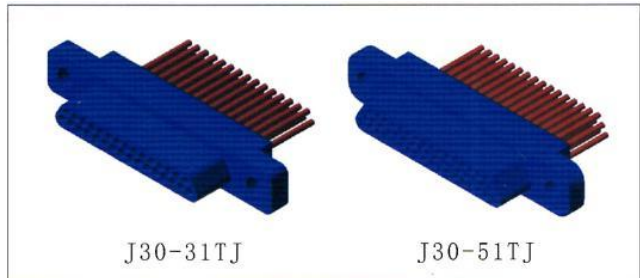
74芯



J30 压接基本型\J30-TJ&J30-ZK

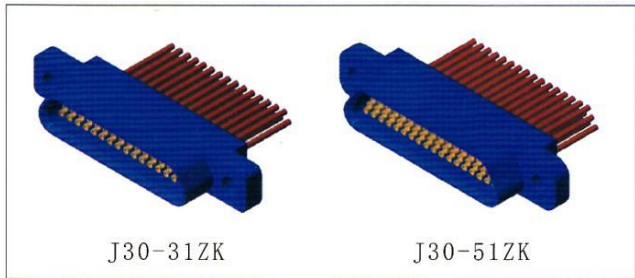
插头

J30-9、15、21、25、31、37、51TJ

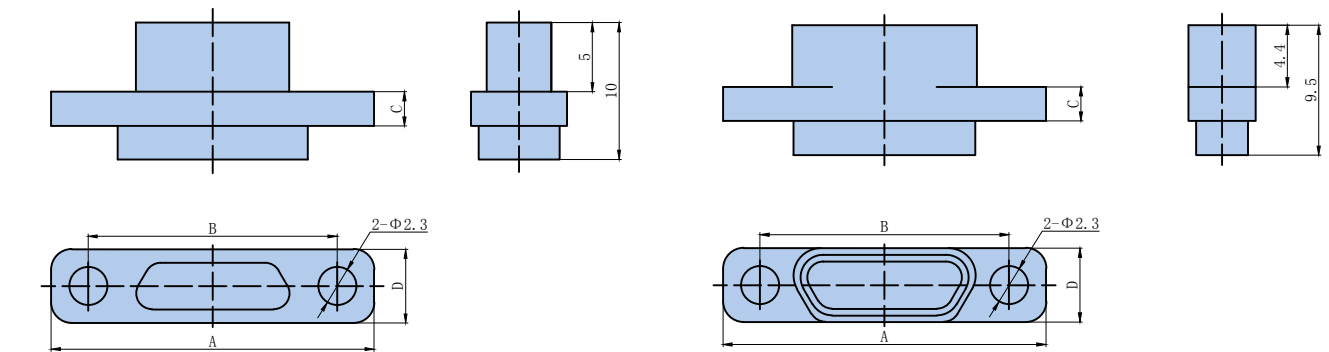


插座

J30-9、15、21、25、31、37、51ZK

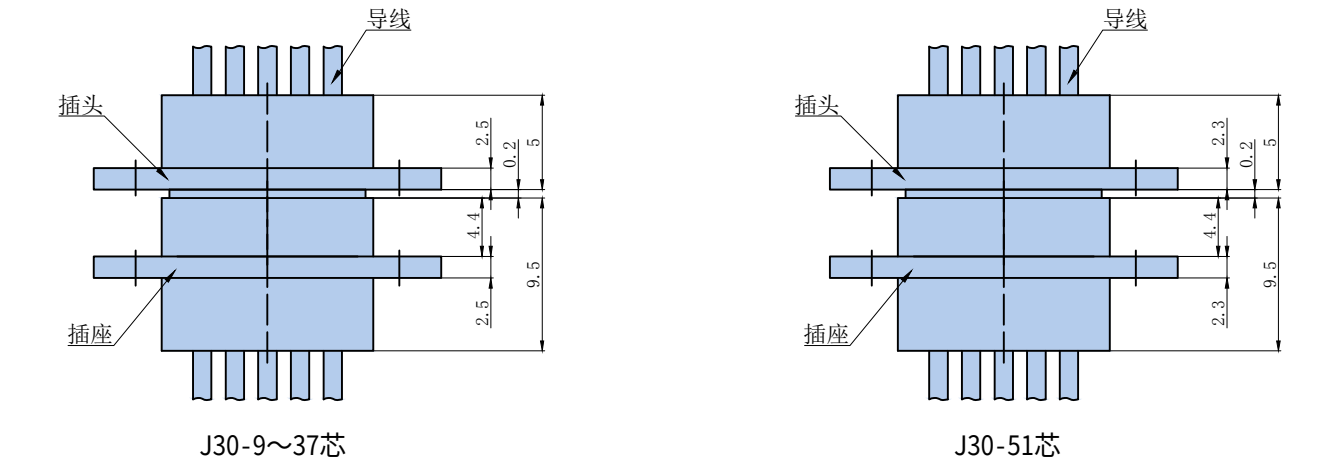


产品外形尺寸图



尺寸	A	B	C	D	尺寸	A	B	C	D
J30-9TJ	19.8	14.3	2.5	5.4	J30-9ZK	19.8	14.3	2.5	5.4
J30-15TJ	23.6	18.2	2.5	5.4	J30-15ZK	23.6	18.2	2.5	5.4
J30-21TJ	27.5	22	2.5	5.4	J30-21ZK	27.5	22	2.5	5.4
J30-25TJ	30	24.5	2.5	5.4	J30-25ZK	30	24.5	2.5	5.4
J30-31TJ	33.7	28.3	2.5	5.4	J30-31ZK	33.7	28.3	2.5	5.4
J30-37TJ	37.5	32.2	2.5	5.4	J30-37ZK	37.5	32.2	2.5	5.4
J30-51TJ	36.3	30.8	2.3	6.5	J30-51ZK	36.3	30.8	2.3	6.5

产品对接后外形图



J30 压接扩展型\J30-TJ (0.07) 及 J30-ZK (0.07)

本型产品适用于压接线芯截面积为 0.07mm² 的导线，产品的其余状态与 J30-TJ/ZK 压接基本完全一致。

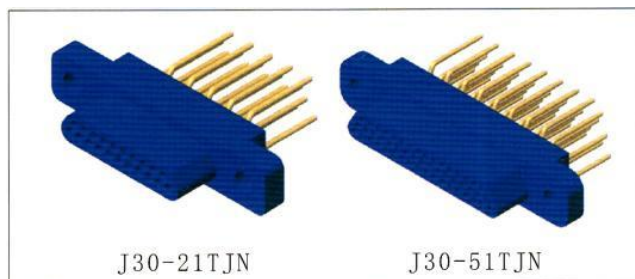
插头：J30-9、15、21、25、31、37、51TJ (0.07) 插座：J30-9、15、21、25、31、37、51ZK (0.07)

J30 插装印制板基本型\J30 直插印制板 N 型

接触件尾端与印制板的连接方式为直插式，相邻列之间的间距为 2.54，排距见图。

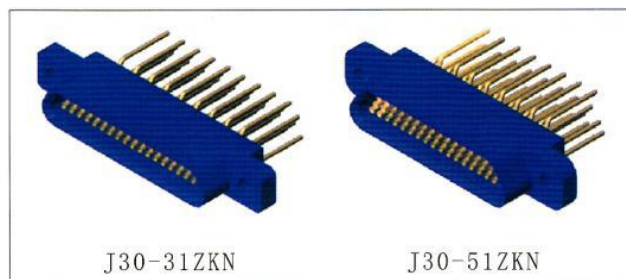
插头

J30-9、15、21、25、31、37、51TJN

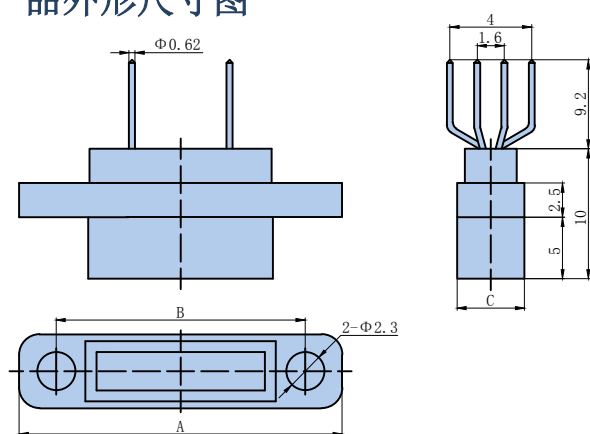


插座

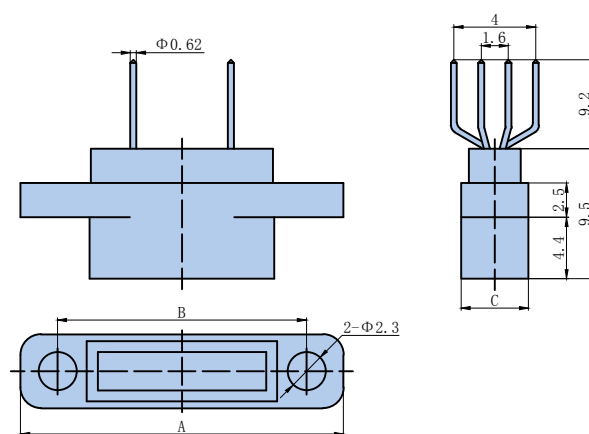
J30-9、15、21、25、31、37、51ZKN



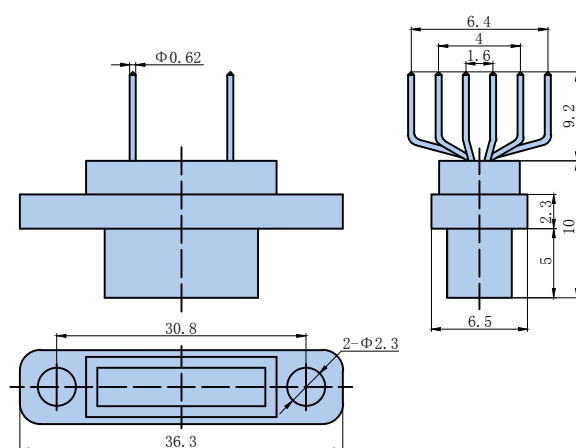
产品外形尺寸图



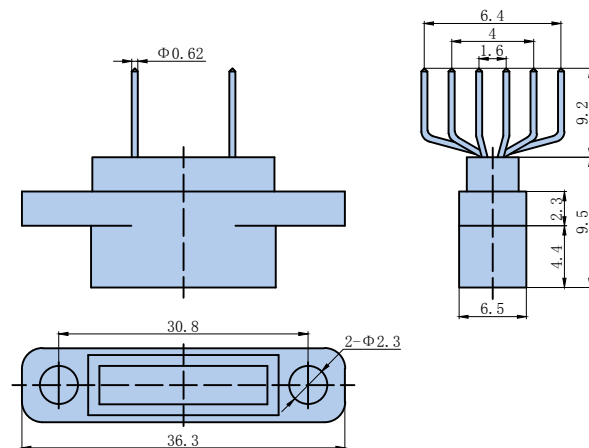
J30-9~37TJN



J30-9~37ZKN



J30-51TJN



J30-51ZKN

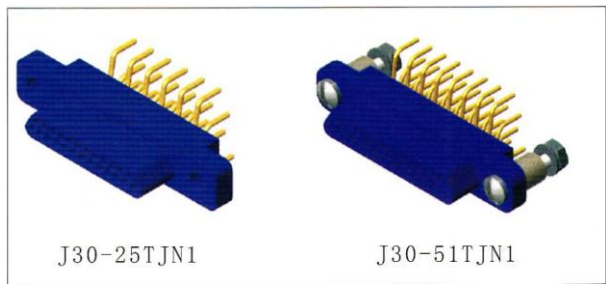
尺寸	A	B	C	尺寸	A	B	C
J30-9TJN	19.8	14.3	5.4	J30-9ZKN	19.8	14.3	5.4
J30-15TJN	23.6	18.2	5.4	J30-15ZKN	23.6	18.2	5.4
J30-21TJN	27.5	22	5.4	J30-21ZKN	27.5	22	5.4
J30-25TJN	30	24.5	5.4	J30-25ZKN	30	24.5	5.4
J30-31TJN	33.7	28.3	5.4	J30-31ZKN	33.7	28.3	5.4
J30-37TJN	37.5	32.2	5.4	J30-37ZKN	37.5	32.2	5.4

J30 插装印制板扩展型\J30 直插印制板 N1 型

接触件尾端与印制板的连接方式为直插式，且网格尺寸为 2.54×2.54（列×行）。

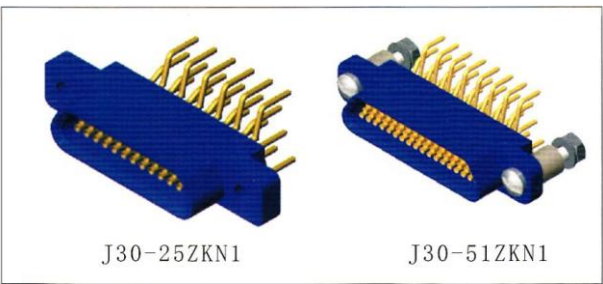
插头

J30-9、15、21、25、31、37、51TJN1

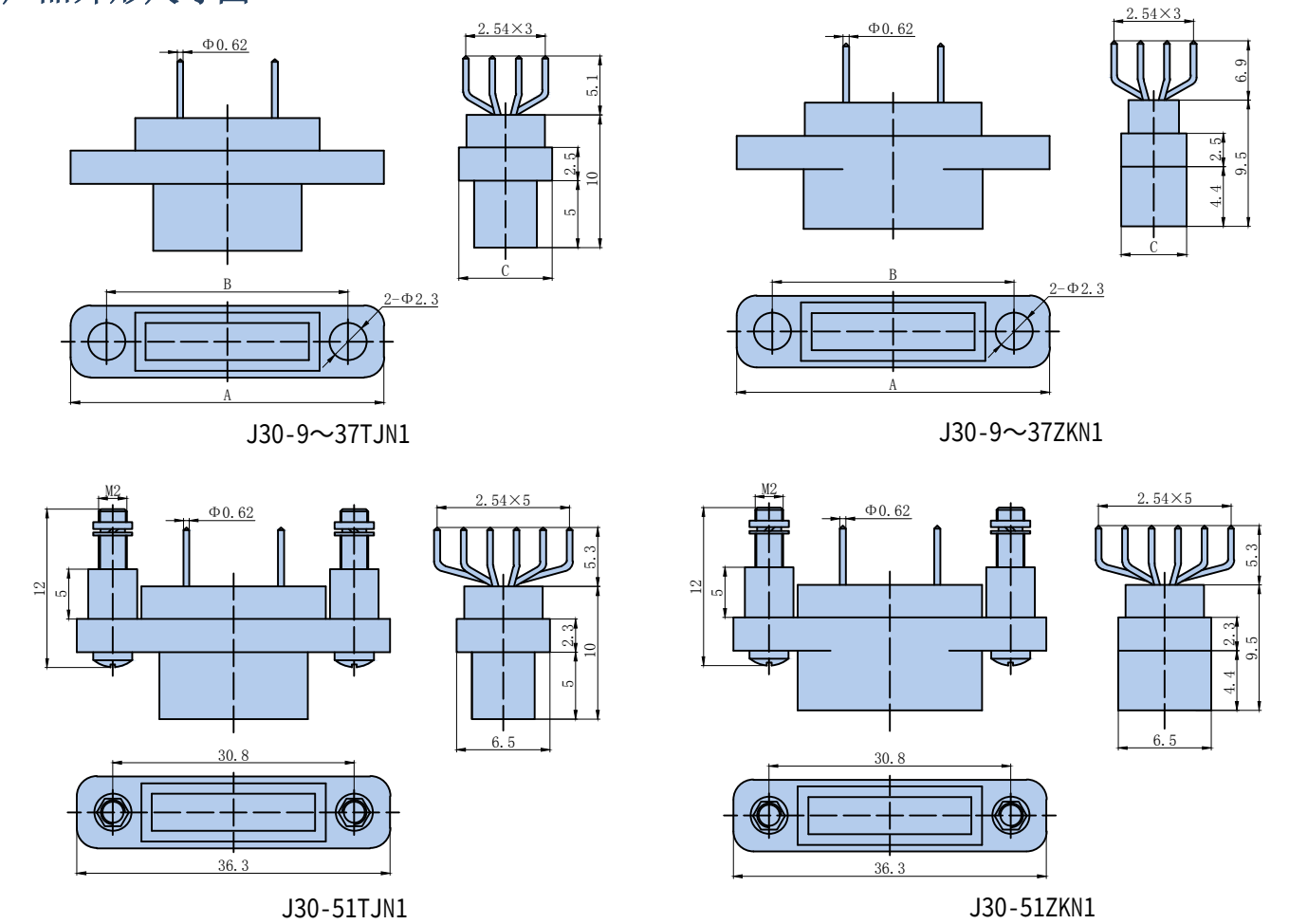


插座

J30-9、15、21、25、31、37、51ZKN1



产品外形尺寸图



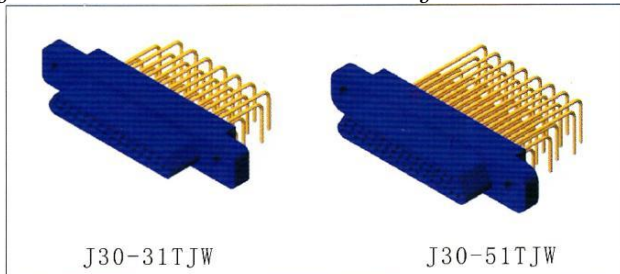
尺寸	A	B	C	尺寸	A	B	C
J30-9TJN1	19.8	14.3	5.4	J30-9ZKN1	19.8	14.3	5.4
J30-15TJN1	23.6	18.2	5.4	J30-15ZKN1	23.6	18.2	5.4
J30-21TJN1	27.5	22	5.4	J30-21ZKN1	27.5	22	5.4
J30-25TJN1	30	24.5	5.4	J30-25ZKN1	30	24.5	5.4
J30-31TJN1	33.7	28.3	5.4	J30-31ZKN1	33.7	28.3	5.4
J30-37TJN1	37.5	32.2	5.4	J30-37ZKN1	37.5	32.2	5.4

J30 插装印制板基本型\J30 弯插印制板 W型

接触件尾端与印接板连接方式为弯插式，且网格尺寸为 2.54×2.54 (列 $\times$ 行)。

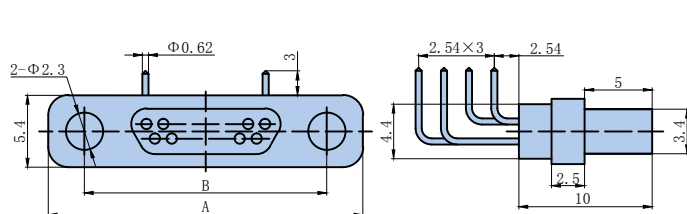
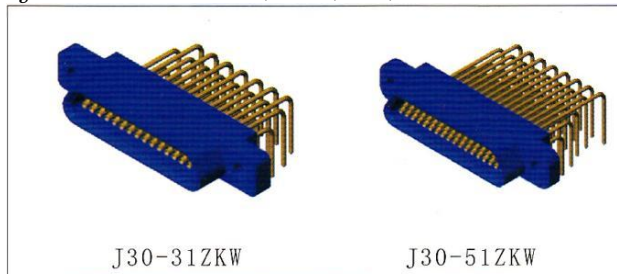
插头

J30-9、15、21、25、31、37、51TJW

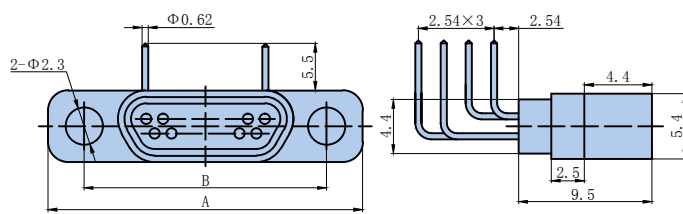


插座

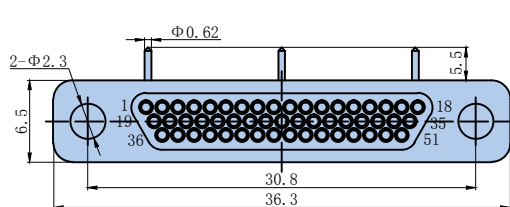
J30-9、15、21、25、31、37、51ZKW



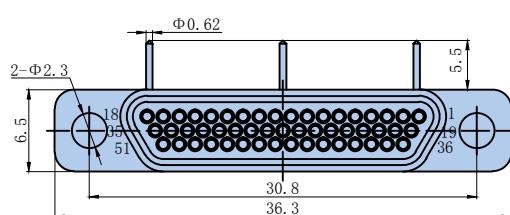
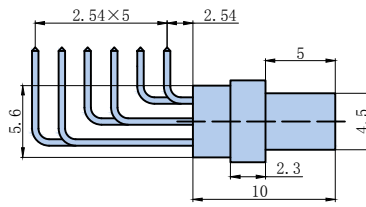
J30-9~37TJW



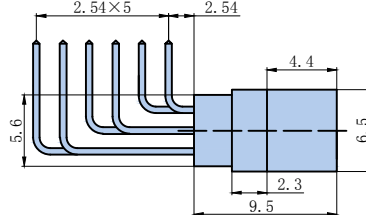
J30-9~37ZKW



J30-51TJW



J30-51ZKW



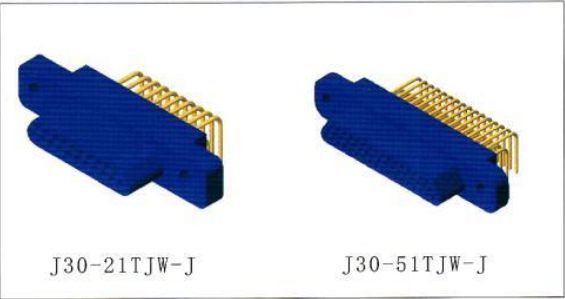
	A	B		A	B
J30-9TJW	19.8	14.3	J30-9ZKW	19.8	14.3
J30-15TJW	23.6	18.2	J30-15ZKW	23.6	18.2
J30-21TJW	27.5	22	J30-21ZKW	27.5	22
J30-25TJW	30	24.5	J30-25ZKW	30	24.5
J30-31TJW	33.7	28.3	J30-31ZKW	33.7	28.3
J30-37TJW	37.5	32.2	J30-37ZKW	37.5	32.2

J30 插装印制板基本型\J30 弯插印制板 W-J 型

接触件尾端与印制板的连接方式为弯插式，且网格尺寸为 1.27×2.54（列×行）。

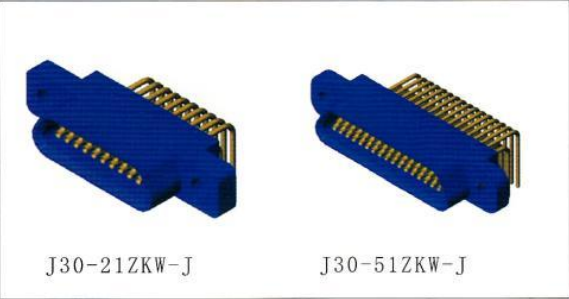
插头

J30-9、15、21、25、31、37、51TJW-J

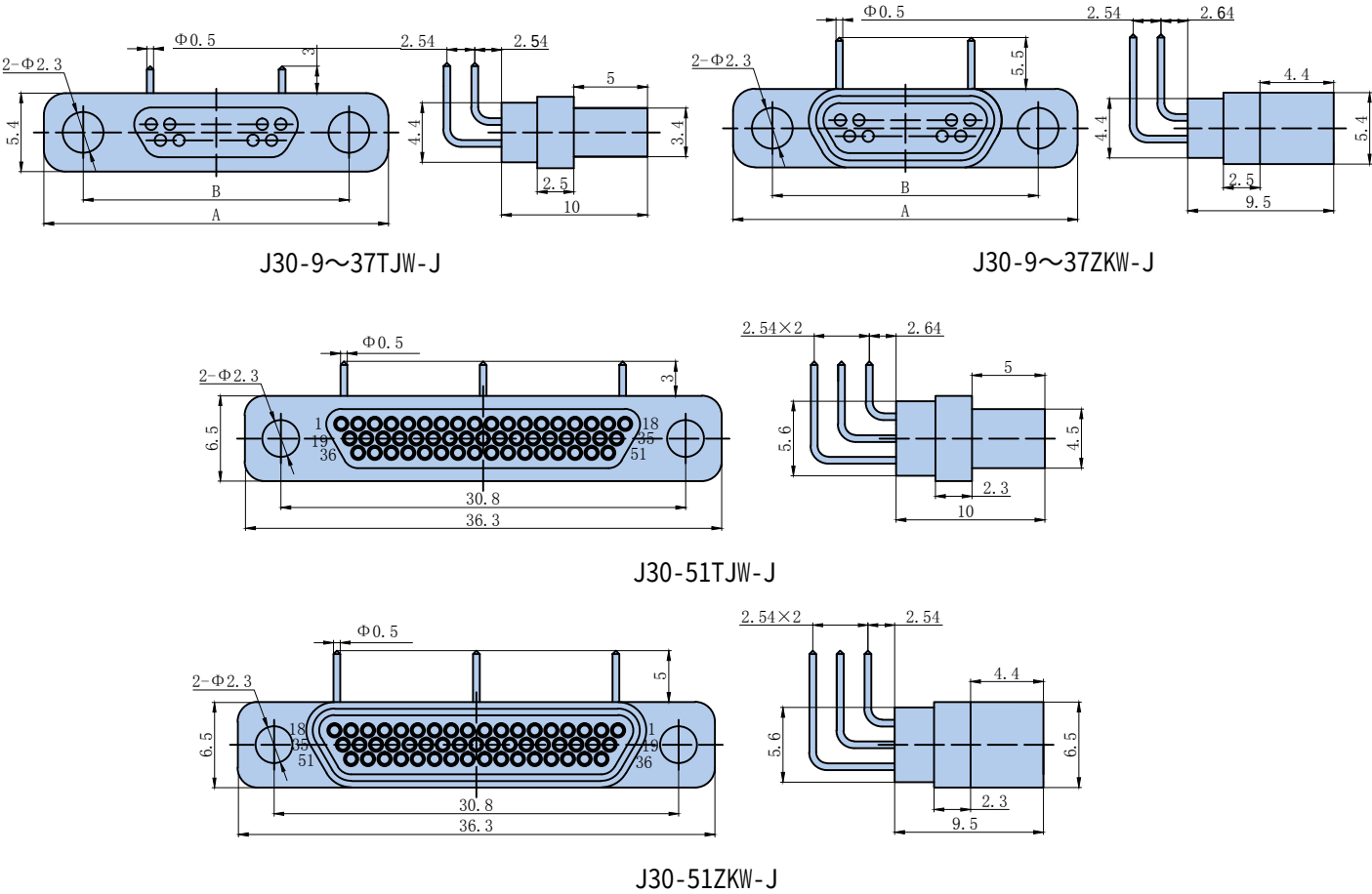


插座

J30-9、15、21、25、31、37、51ZKW-J



产品外形尺寸图



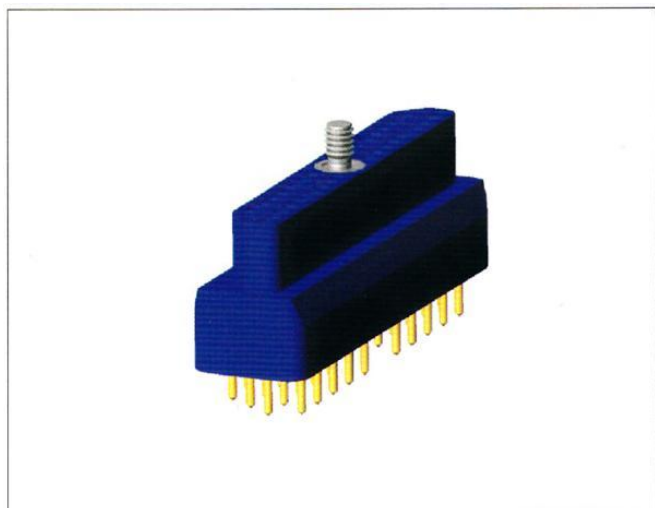
尺寸	A	B	尺寸	A	B
J30-9TJW-J/ZKW-J	19.8	14.3	J30-25TJW-J/ZKW-J	30	24.5
J30-15TJW-J/ZKW-J	23.6	18.2	J30-31TJW-J/ZKW-J	33.7	28.3
J30-21TJW-J/ZKW-J	27.5	22	J30-37TJW-J/ZKW-J	37.5	32.2

J30 插装印制板扩展型\J30-38TJN 及 J30J-38ZKN

产品采用中心螺钉锁紧方式，主要用于印制板线路连接。产品安装方式为：插头为直插印制板安装、插座为弯插印制板安装和表面贴装。

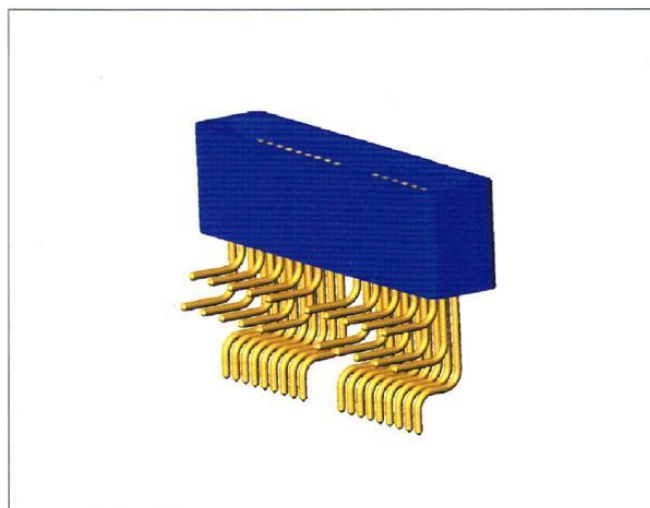
插头

J30-38TJN

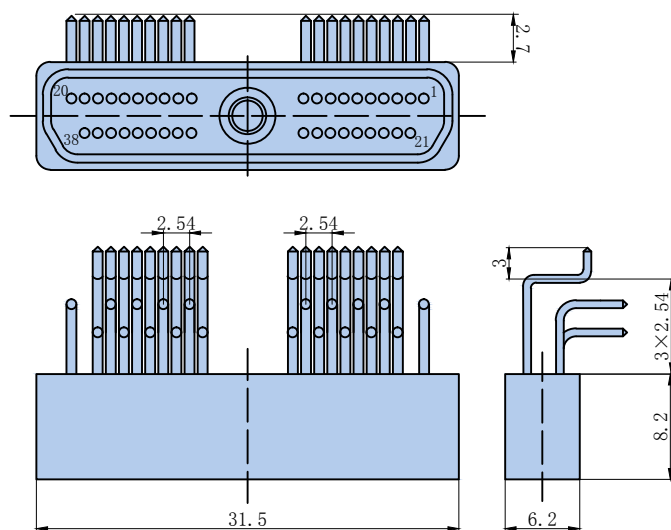
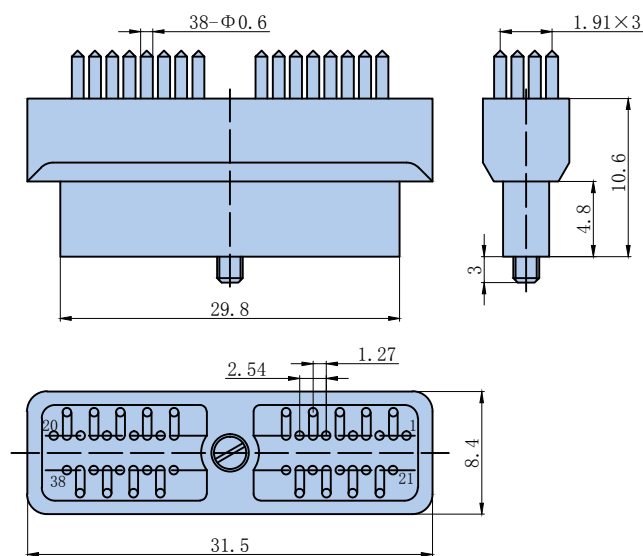


插座

J30-38ZKN



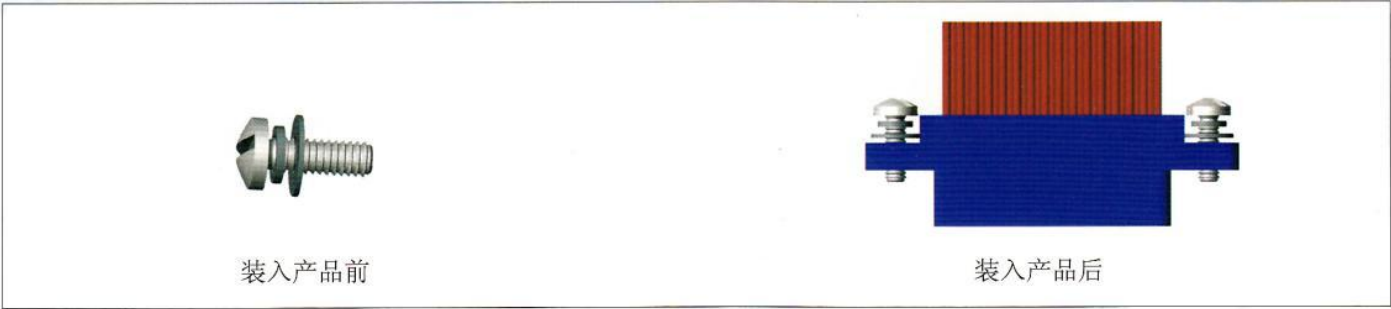
产品外形尺寸图



J30 附件

- J30 附件有多种形式，可满足产品的安装与锁紧，用户可根据需要单独订货；
- 按照用途的不同 J30 附件分为两种类型：锁紧组件和安装组件；
- 锁紧组件一般在产品对接需要可靠锁紧时使用，其通常安装在甩线连接器的自由端，可用于基本型压接系列产品中；
- 安装组件用来将产品和安装面板或印制板固定在一起，其通常安装在甩线连接器的固定端和印制板安装系列产品中。

Ln6. 480. 025 锁紧螺钉组件



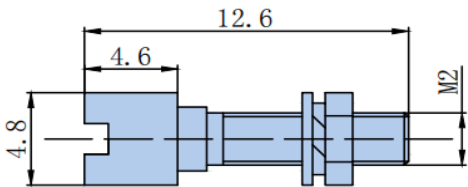
Ln6. 480. 025 锁紧螺钉组件配用

订货标志	螺钉组件主要特性	配用偶件
Ln6. 480. 025	本锁紧螺钉组件全部由标准件构成（螺钉规格 M2×6）	Ln6. 480. 003
		Ln6. 480. 028

Ln6. 480. 003 安装螺钉组件



产品外形尺寸图



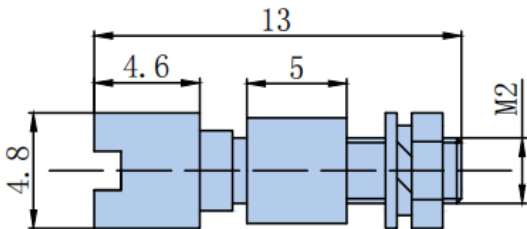
Ln6. 480. 003 安装螺钉组件配用

订货标志	螺钉组件主要特性	配用偶件
Ln6. 480. 003	只适用于板前安装的产品	Ln6. 480. 025

J30 附件



产品外形尺寸图



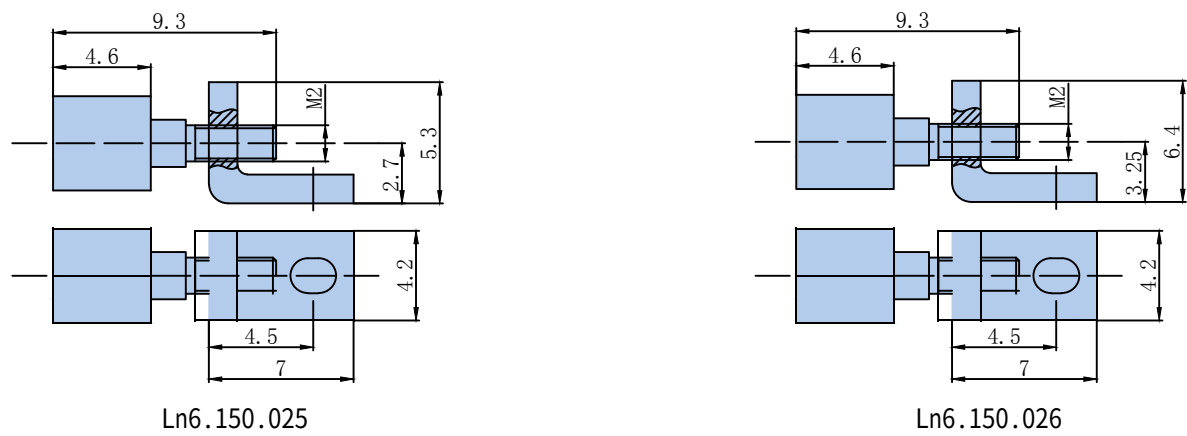
Ln6. 480. 028 安装螺钉组件配用

订货标志	螺钉组件主要特性	配用偶件
Ln6. 480. 028	适用于直插印制板安装的产品，板厚不大于 2. 5mm。	Ln6. 480. 025

Ln6. 150. 025、Ln6. 150. 026 安装支架锁紧组件



产品外形尺寸图

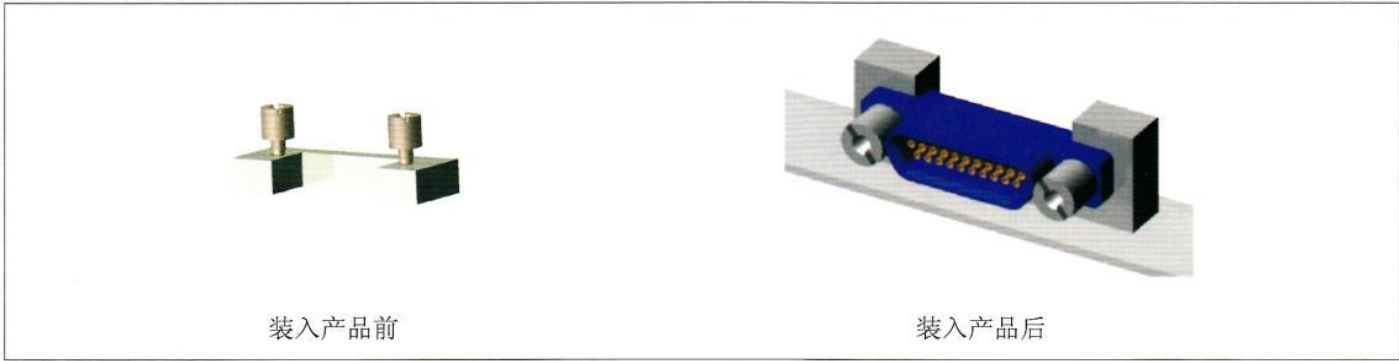


Ln6. 150. 025、Ln6. 150. 026 安装支架锁紧组件配用

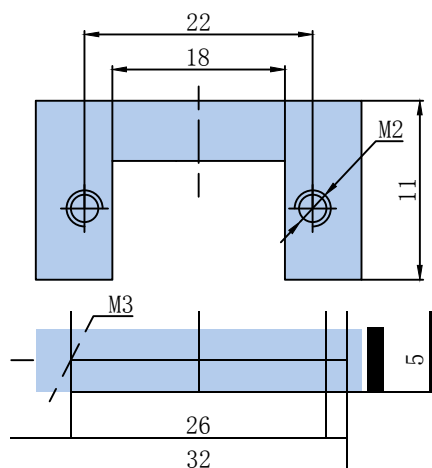
订货标志	螺钉组件主要特性	配用偶件
Ln6. 150. 025	J30-9、15、21、25、31、37TJW/TJW-J/ZKW/ZKW-J	Ln6. 480. 025
Ln6. 150. 026	J30-51TJW/TJW-J/ZKW/ZKW-J	Ln6. 480. 025

J30 附件

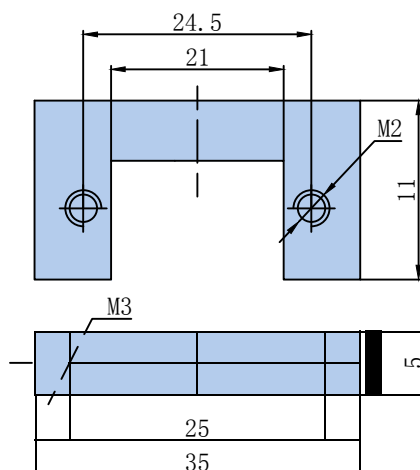
Ln6. 150. 018、Ln6. 150. 019 固定支架锁紧组件



产品外形尺寸图



Ln6.150.018



Ln6.150.019

特别说明:

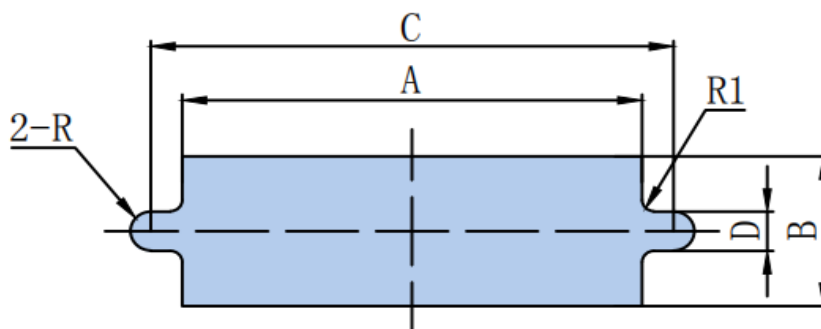
以上固定安装支架锁紧组件已包含了 Ln6. 480. 025 锁紧螺钉组件，但图中未表示；另外，这些固定支架锁紧组件已包含了 Ln8. 919. 012 安装螺钉，但外形尺寸图中未表示。

Ln6. 150. 018、Ln6. 150. 019 固定支架锁紧组件配用

订货标志	适用范围
Ln6. 150. 018	J30-21TJ/ZK
Ln6. 150. 019	J30-25TJ/ZK

J30 系列产品安装开孔尺寸

J30 压接系列板前安装安装开孔尺寸

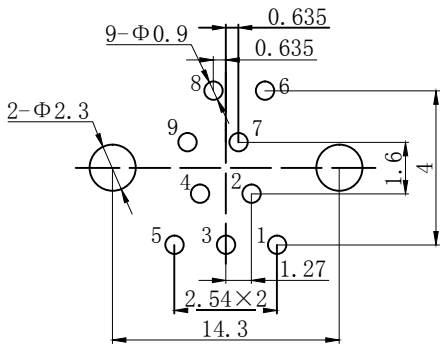


型谱	A	B	C	D
9 芯	10.1	4.6	14.3	2.3
15 芯	14.2	4.6	18.2	2.3
21 芯	17.9	4.6	22	2.3
25 芯	20.8	4.6	24.5	2.3
31 芯	24.2	4.6	28.3	2.3
37 芯	28.2	4.6	32.2	2.3
51 芯	26.9	5.9	30.8	2.3

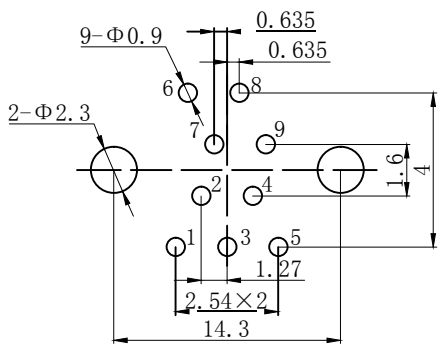
J30 系列产品印制板开孔尺寸

J30-×TJN/×ZKN

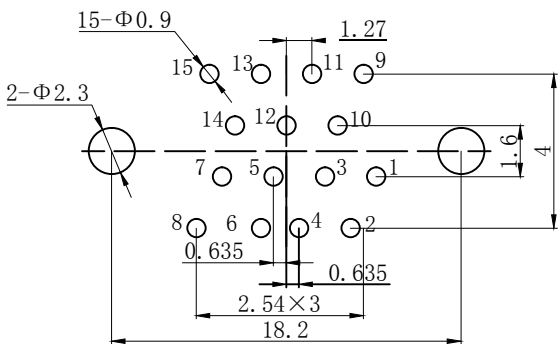
J30-9TJN



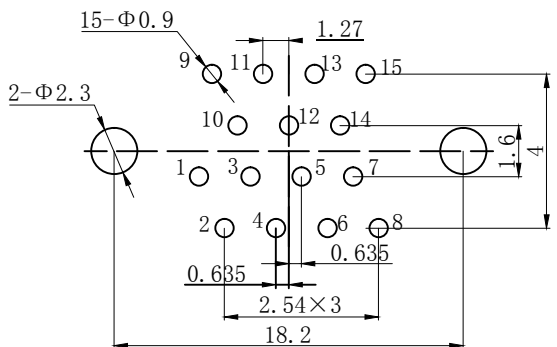
J30-9ZKN



J30-15TJN



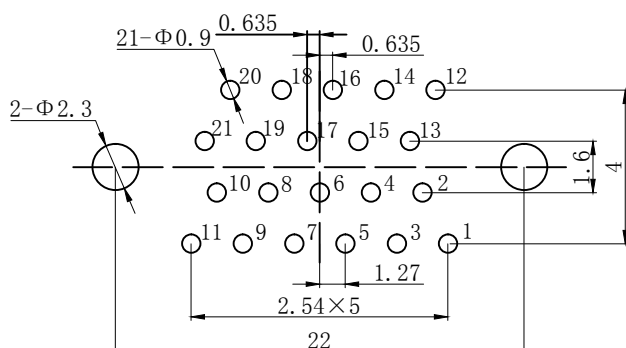
J30-15ZKN



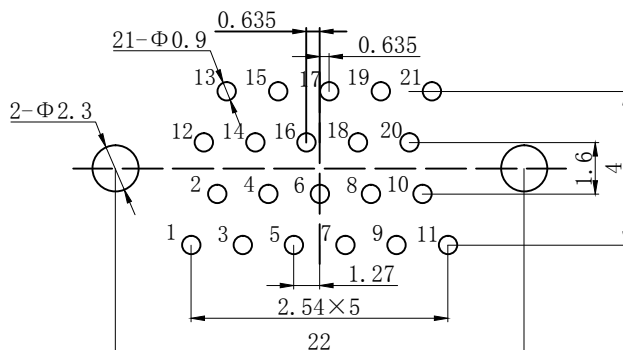
J30 系列产品印制板开孔尺寸

J30-×TJN/×ZKN

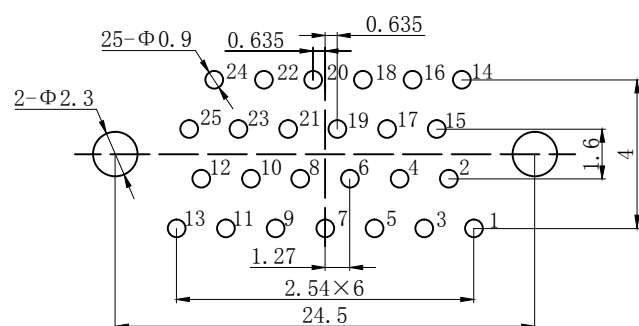
J30-21TJN



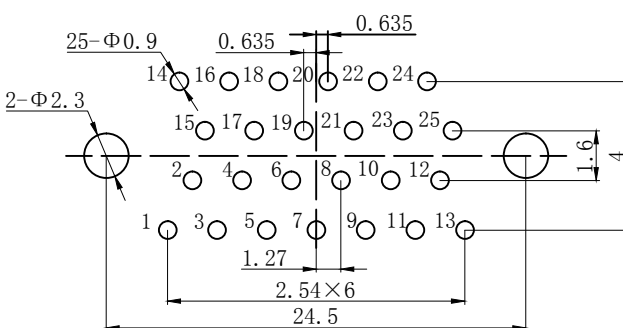
J30-21ZKN



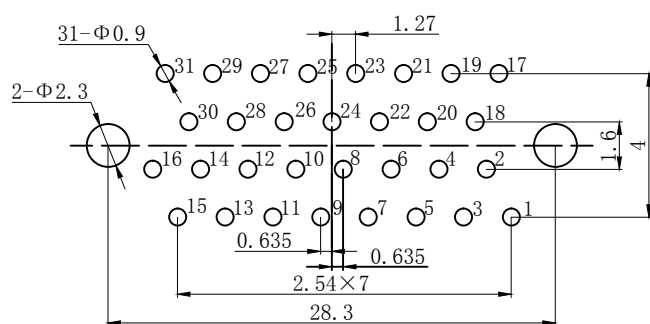
J30-25TJN



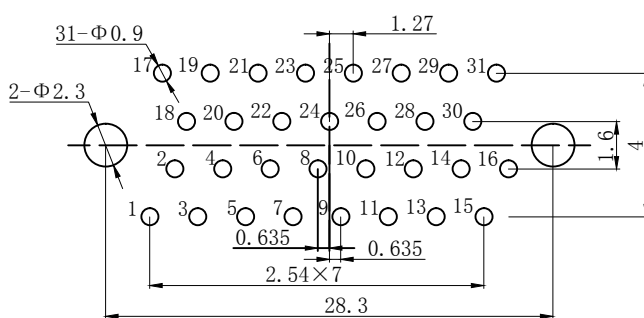
J30-25ZKN



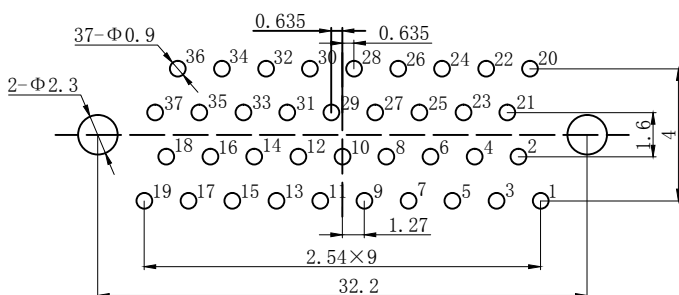
J30-31TJN



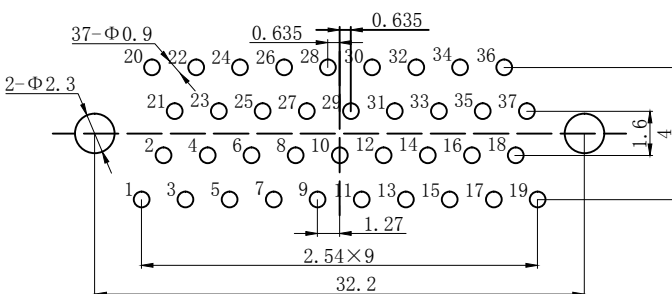
J30-31ZKN



J30-37TJN



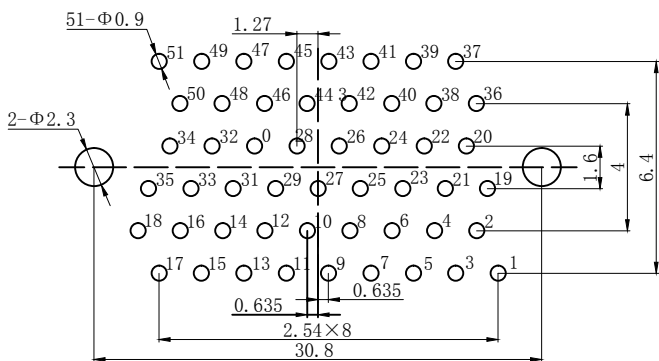
J30-37ZKN



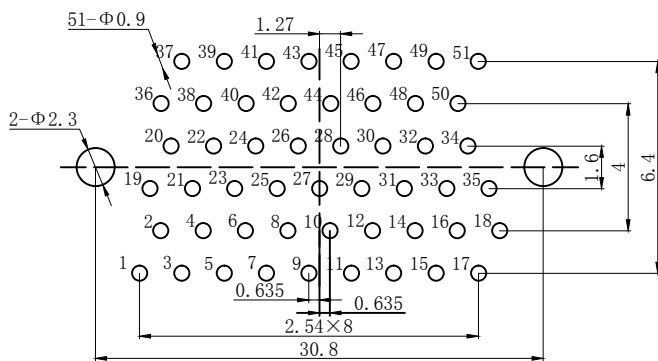
J30 系列产品印制板开孔尺寸

J30-×TJN/×ZKN

J30-51TJN

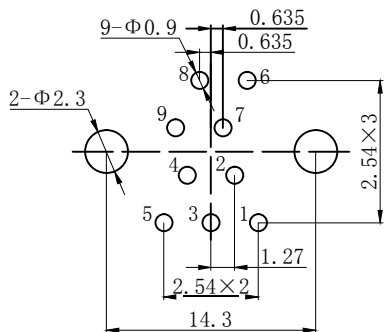


J30-51ZKN

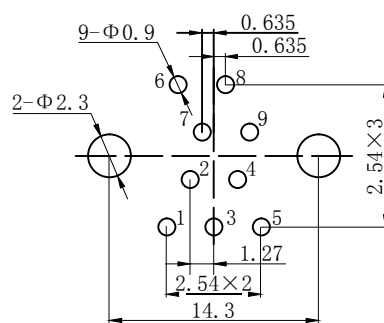


J30- $\times$ TJN1/ $\times$ ZKN1 (网格间距 2.54×2.54)

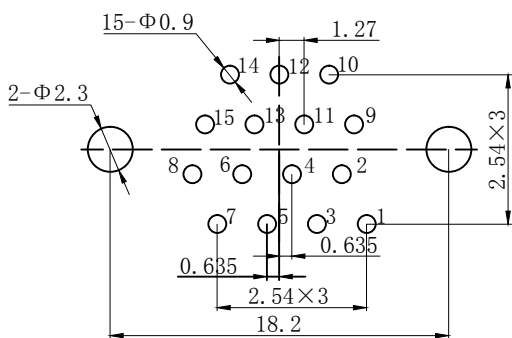
J30-9T.JN1



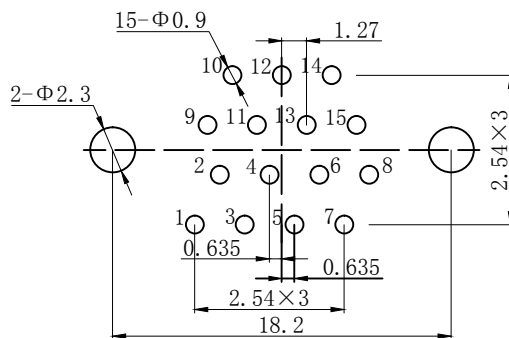
J30-9ZKN1



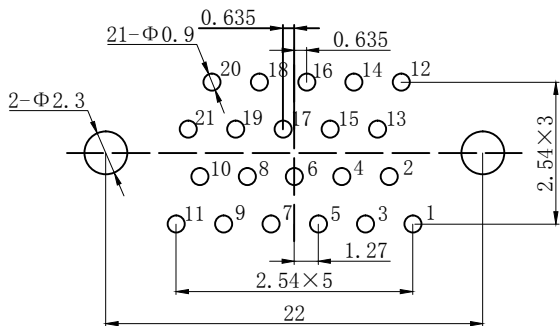
J30-15TJN1



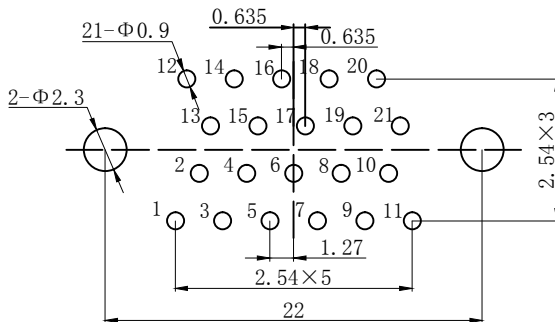
J30-15ZKN1



J30-21TJN1



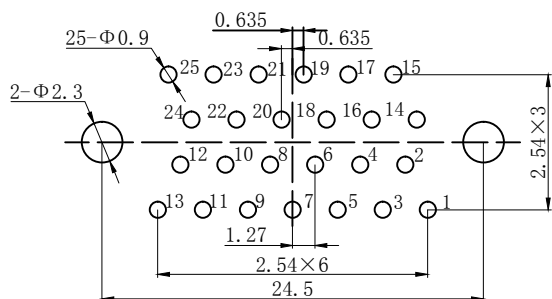
J30-21ZKN1



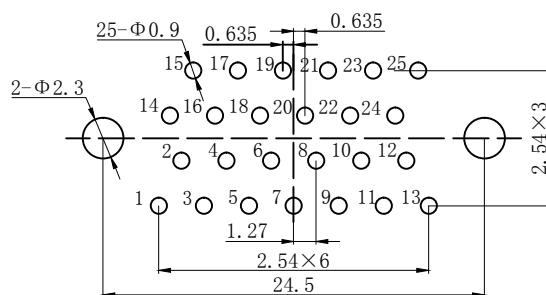
J30 产品系列印制板开孔尺寸

J30-×TJN1/×ZKN1 (网格间距 2.54×2.54)

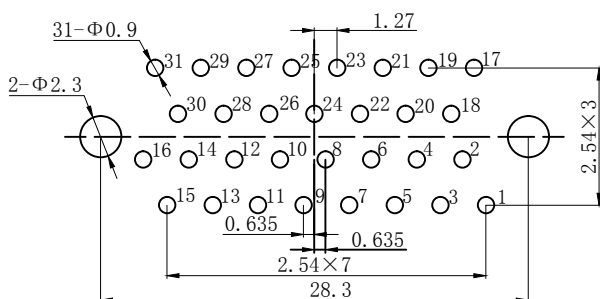
J30-25TJN1



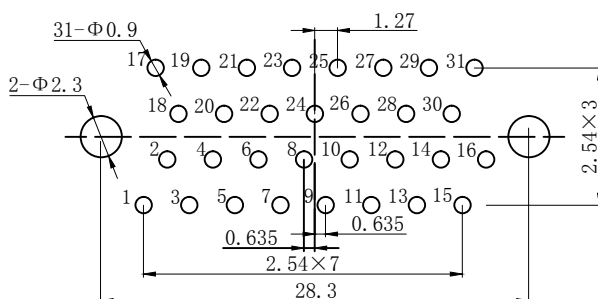
J30-25ZKN1



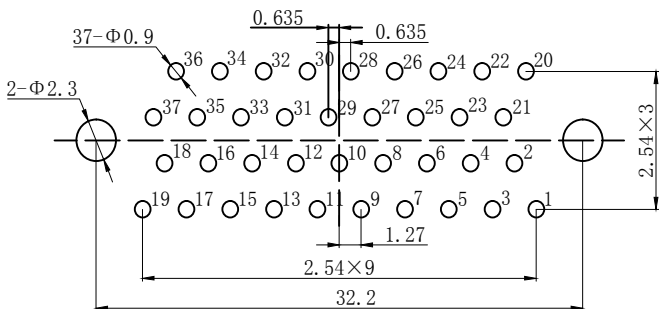
J30-31TJN1



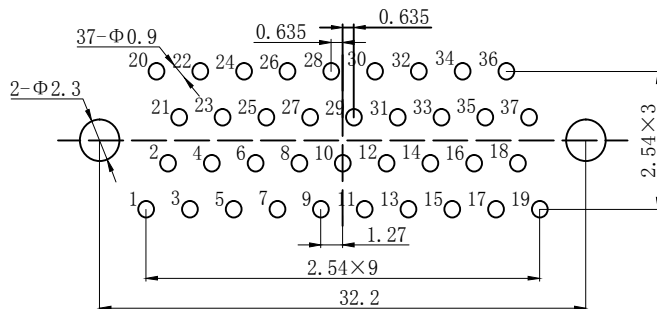
J30-31ZKN1



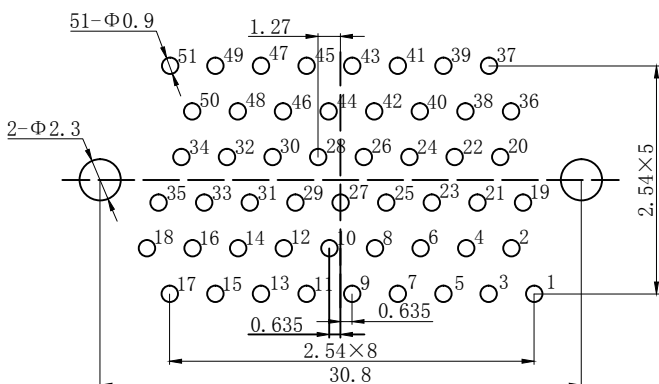
J30-37TJN1



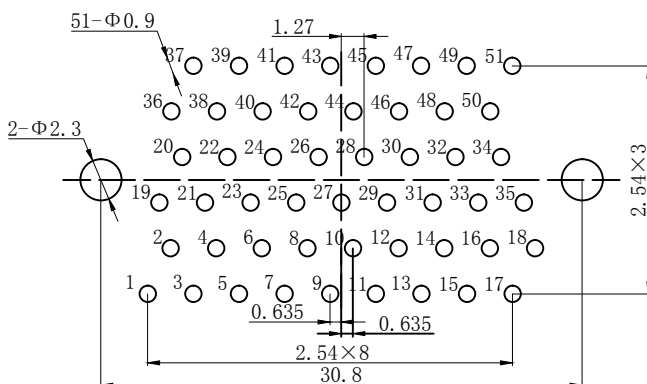
J30-37ZKN1



J30-51TJN1



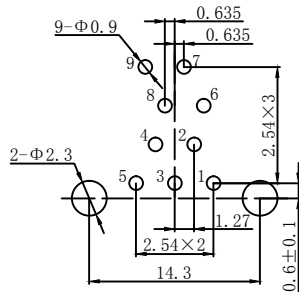
J30-51ZKN1



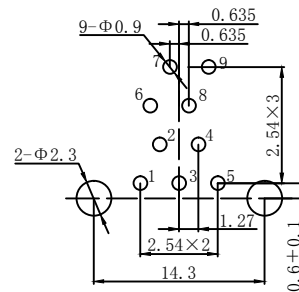
J30 系列产品印制板开孔尺寸

J30-×TJW/×ZKW (网格间距 2.54×2.54)

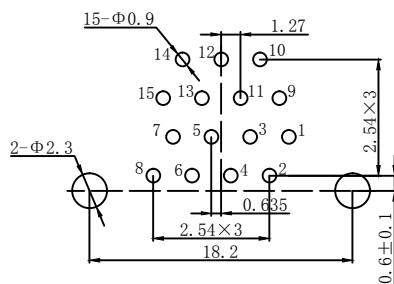
J30-9TJW



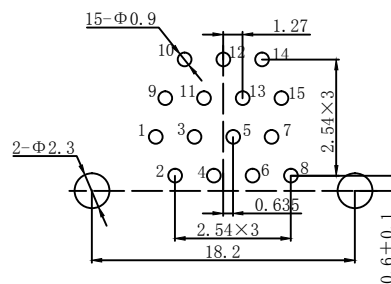
J30-9ZKW



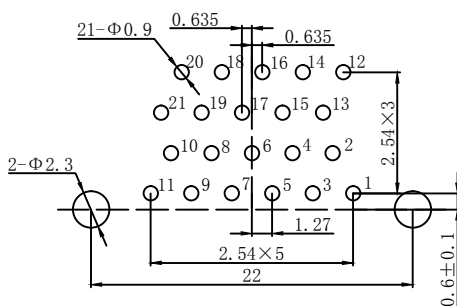
J30-15TJW



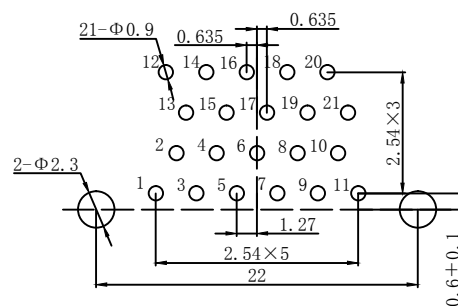
J30-15ZKW



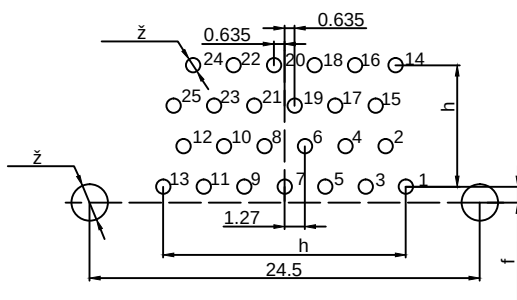
J30-21TJW



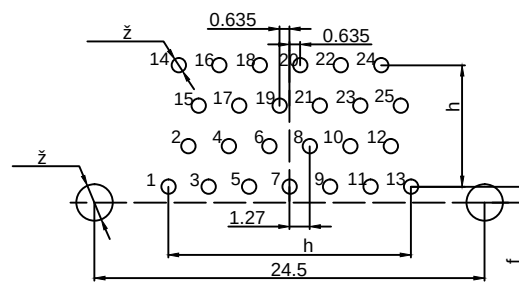
J30-21ZKW



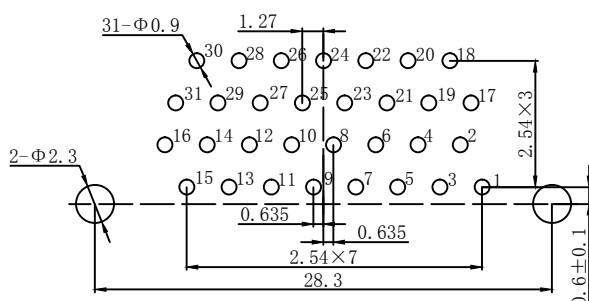
J30-25TJW



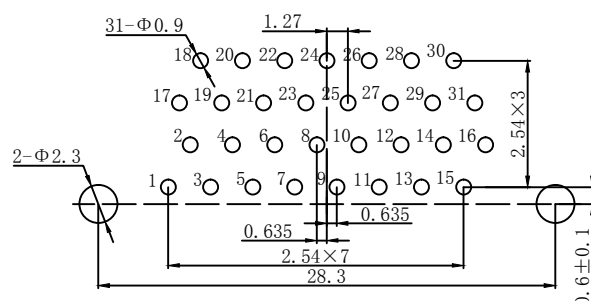
J30-25ZKW



J30-31TJW



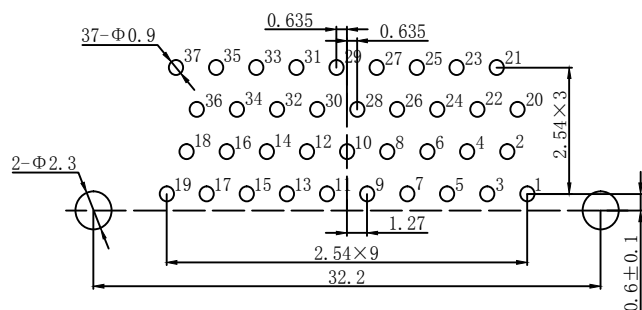
J30-31ZKW



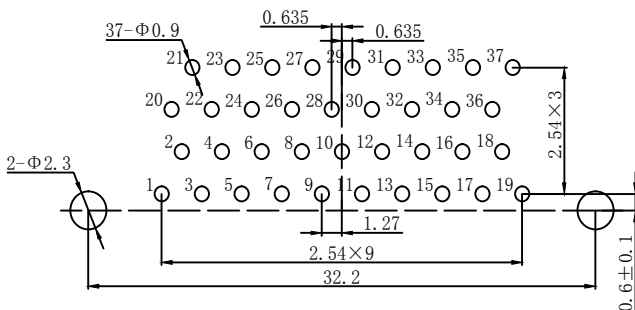
J30 系列产品印制板开孔尺寸

J30-×TJW/×ZKW (网格间距 2.54×2.54)

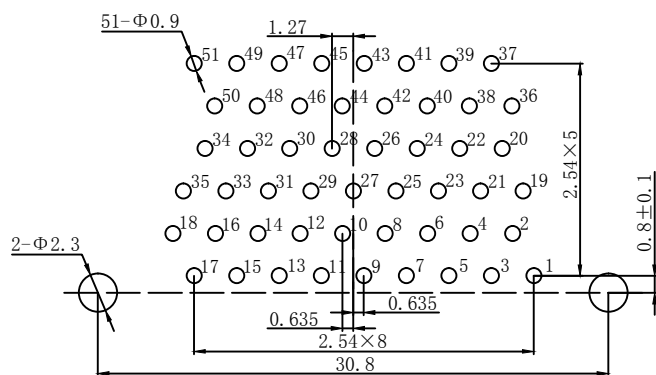
J30-37TJW



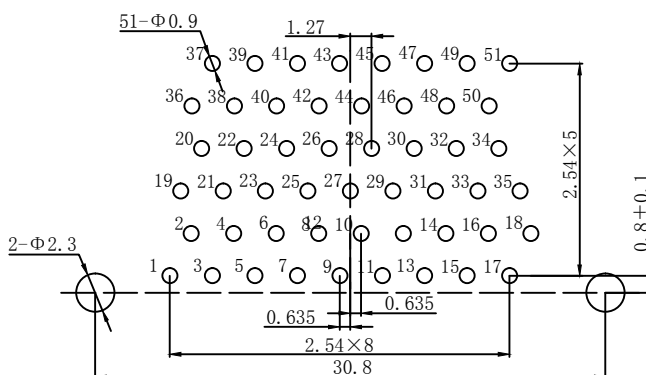
J30-37ZKW



J30-51TJW

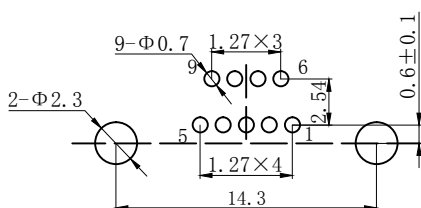


J30-51ZKW

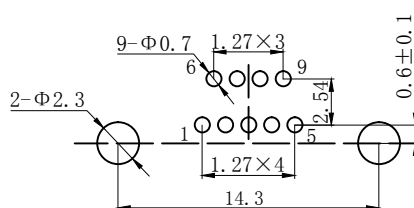


J30-×TJW-J/×ZKW-J (网格间距 1.27×2.54)

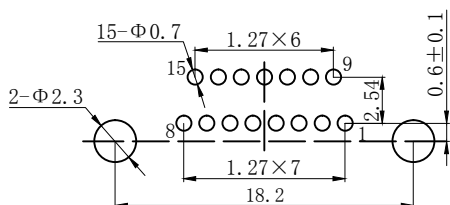
J30-9TJW-J



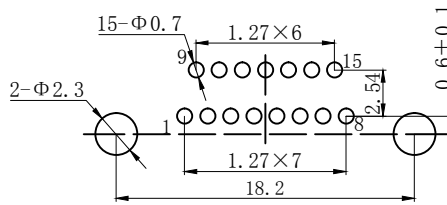
J30-9ZKW-J



J30-15TJW-J



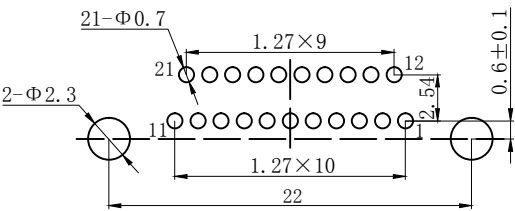
J30-15ZKW-J



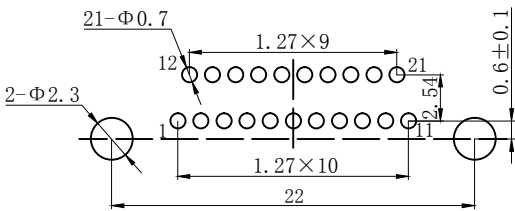
J30 系列产品印制板开孔尺寸

J30-×TJW-J/×ZKW-J (网格间距 1.27×2.54)

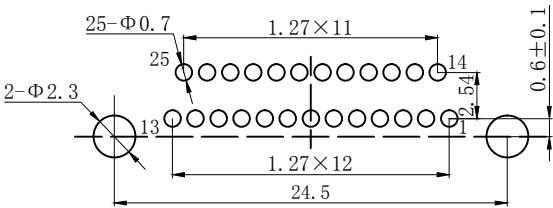
J30-21TJW-J



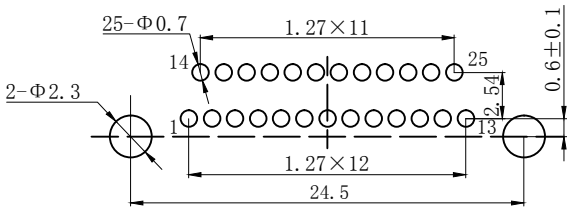
J30-21ZKW-J



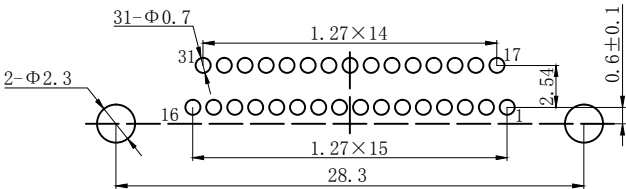
J30-25TJW-J



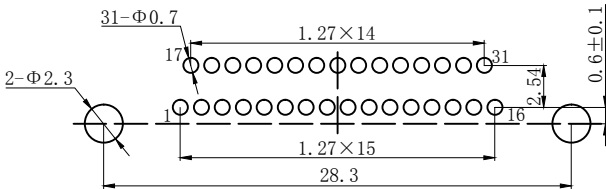
J30-25ZKW-J



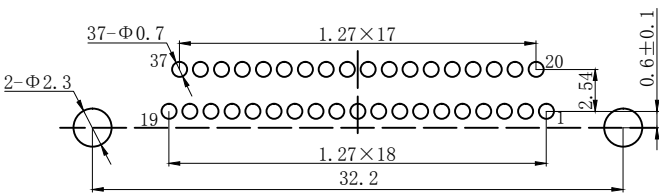
J30-31TJW-J



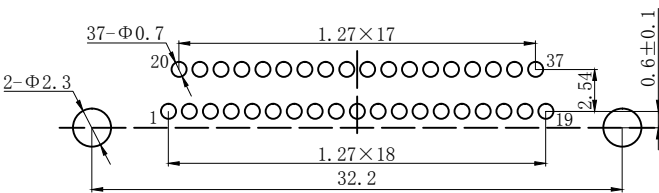
J30-31ZKW-J



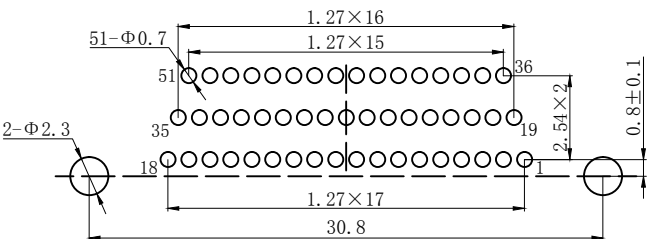
J30-37TJW-J



J30-37ZKW-J



J30-51TJW-J



J30-51ZKW-J

