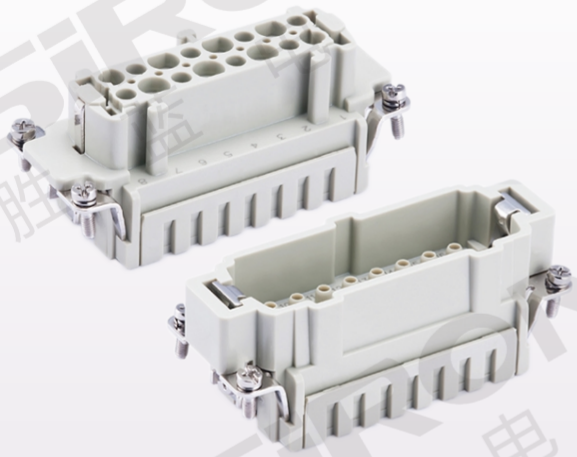
# HE型连接器
## X904系列(冷压连接)

HE連結器(冷圧接続)
HE Connectors （cold press connection)



高密度 | 快速插拔 | EMC防护 | 安全可靠 | 锁定紧扣

在库品

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## 特点 Features

* 阻燃材料，T字卡扣设计，更加可靠，不易脱落，多重保护插件针头使用，性能高，螺旋接插体设计；
* 专门为模块化生产预先接线和满足苛刻环境条件的要求而设计；
* 减少设备或车辆离开生产车间后的现场接线作业提高生产效率，并减少接线的品质风险；

* 難燃性材料、t字留め設計、より信頼性が高く、落ちにくい、複数の保護プラグイン針を使用して、性能が高い、スパイラルソケットデザイン;
* モジュール化生産のための事前配線と過酷な環境条件の要求を満たすように設計されています。
* 設備や車両が生産現場を離れた后の現場配線作業を減らし、生産効率を高め、配線の品質リスクを減らします。

* Flame retardant material, T word buckle design, more reliable, not easy to fall off, multiple protection plug-in needle use, high performance,Screw insert body design;
* Designed specifically for modular production pre-wiring and to meet the requirements of harsh environmental conditions;
* Reduce on-site wiring operations after equipment or vehicles leave the production workshop to improve production efficiency and reduce wiring quality risk;

## 关于选型 About selection

X904 —— □ □

- HE型连接器
- 接插针芯数：6、10、16、24、32(2×16)、48(2×24)
- M-公插针 / F -母插孔

注：型号X904-6M，为HE型连接器，6针，公插针；

X938 —— 1 □ □

- 冷压针
- 序列数
- M-公插针 / F -母插孔
- S-镀银 / G-镀金

注：型号X938-1MS，为X938型冷压针1号，公插针，1号镀银；

## 实例图 Examples of figure

机械设备应用

建筑机械应用

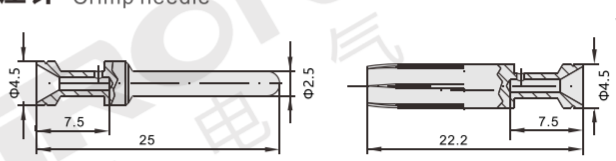
## 技术特性 Technical Features

| 插芯 Inserts | | 插针 Contacts | | |
|---|---|---|---|---|
| 额定电流 Rated current | 16A | 材料 Material | | 铝合金 |
| 额定电压 Rated voltage | 500V | 表面处理 Surface treatment | | 镀银/镀金 |
| 额定脉冲电压 Rated impulse voltage | 6KV | 接触电阻 Contact resistance | | ≤1mΩ |
| 污染程度 Pollution degree | 3 | 冷压连接 Crimp terminal | 导线规格 Wrie gauge | 0.14-4.0mm² |
| 污染程度2时 Pollution degree 2 also | 16A 400/690V 6KV 2 | | AWG | 26-12 |
| 依据UL/CSA额定电压 Rated voltage acc.to UL | 600V | | 剥线长度 Sripping lenght | 7.5mm |
| 绝缘电阻 Insulation resistance | ≥1010Ω | | | |
| 材料 Material | 聚碳酸酯 | 冷压针 Crimp contacts | | |
| 工作温度范围 Limiting temperatures | -40℃...+125℃ | 冷压针电流 Cold pressing needle current | | 16A |
| 依据UL94助燃等级 Flammability acc.to UL 94 | 0V | 接触电阻 Contact resistance | | 1mΩ |
| 可拔插次数 Mechanical working life | ≥500 | / | | / |

## 冷压针 Crimp needle

16A

单位：mm



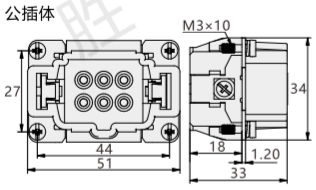

| 冷压针 Crimp needle | 型号(公) Model (male) | 型号(母) Model (female) | 线规 Wire gauge | | 剥离长度 Stripping length |
|---|---|---|---|---|---|
| 镀银 | X938-1M | X938-1F | 0.14-0.37mm² | AWG 26-22 | 7.5mm |
| | X938-2M | X938-2F | 0.5mm² | AWG 20 | 7.5mm |
| | X938-3M | X938-3F | 0.75mm² | AWG 18 | 7.5mm |
| | X938-4M | X938-4F | 1.0mm² | AWG 18 | 7.5mm |
| 镀金 | X938-5M | X938-5F | 1.5mm² | AWG 16 | 7.5mm |
| | X938-6M | X938-6F | 2.5mm² | AWG 14 | 7.5mm |
| | X938-7M | X938-7F | 3mm² | AWG 12 | 7.5mm |
| 10个/包 | X938-8M | X938-8F | 4mm² | AWG 12 | 7.5mm |

注：冷压针需另外订购；镀银型号后加‘S’镀金型号后加‘G’，当线规小于0.75mm²时，建议使用辅助装针工具。

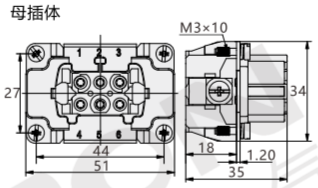
## 外形图 Dimensions

单位：mm

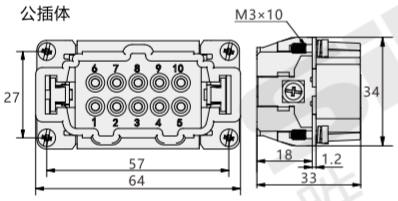
**X904-6M**
公插体



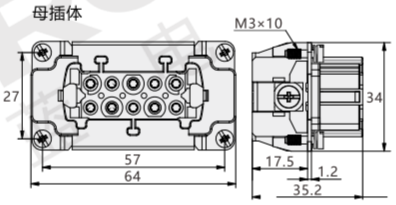

**X904-6F**
母插体



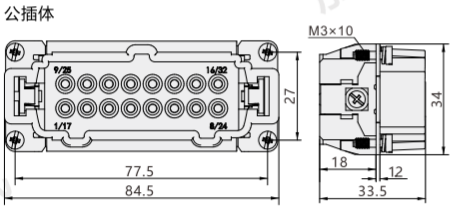

**X904-10M**
公插体



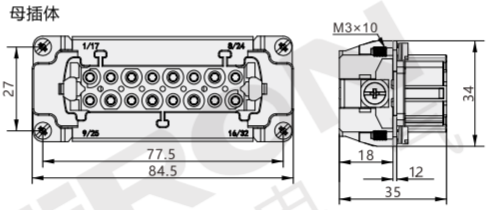

**X904-10F**
母插体



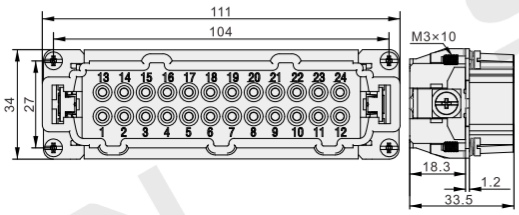

**X904-16M**
公插体



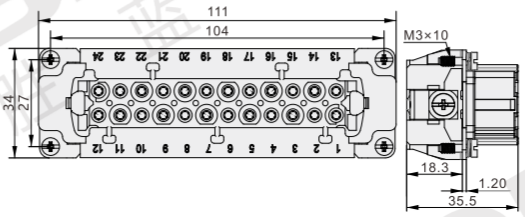

**X904-16F**
母插体



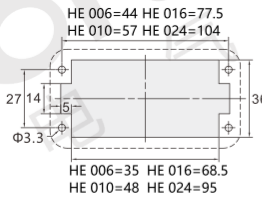

**X904-24M**
公插体

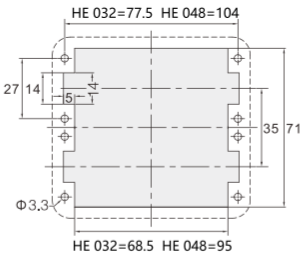



**X904-24F**
母插体




面板安装开孔图



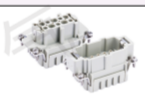
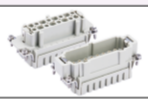
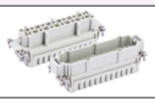
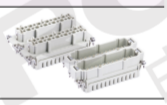




## 关联产品 Associated products

G401-433-108
详情请见P.918

16A 退针器 X939-1B

## 选型参考 Type selection reference

| 型号 Model | 插针(公插) Pin(Male insert) | X904-6M | X904-10M | X904-16M | X904-24M | X904-32M | X904-48M |
|---|---|---|---|---|---|---|---|
| | 插孔(母插) Jack(Female insert) | X904-6F | X904-10F | X904-16F | X904-24F | X904-32F | X904-48F |
| 外观 Appearance | | |  |  |  | |  |
| 接插体芯数 Connector core number | | 6 | 10 | 16 | 24 | 32(2×16) | 48(2×24) |
| 工作电流 Working current | | 16A | | | | | |
| 工作电压 Working voltage | | 500V | | | | | |
| 适用罩盖(上盖) Apply lid(Upper cover) | | X930系列 ▶ P.031 | X931系列 ▶ P.031 | X932系列 ▶ P.031 | X933系列 ▶ P.031 | X934系列 ▶ P.031 | X935系列 ▶ P.031 |
| 适用基座(下盖) Apply the base(lower cover) | | | | | | | |

注：32、48针分别为两个16、24针的产品

分类 classification
T 总线模块 Bus module
T 端子台 Terminal station
Y 电气控制 Electrical control
X 连接电缆 Connecting cable
H 电气配件 Electrical fittings
P 开关电源 Switching power supply
G 辅材配件 Auxiliary fittings
F 气动附件 Pneumatic accessories