

| 日期/Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | 图例<br>Piling<br>Chart |                | 1                 | 2                   | 3                               | 4                    | 5               | 6            |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
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| <p>技术参数:</p> <p>- 产品系列: M17</p> <p>- 插针数: 4</p> <p>- 插针分布: 3+PE</p> <p>- 插针直径(mm): <math>\phi 1.5</math></p> <p>- 接线范围(mm<sup>2</sup>): 0.35-2.5</p> <p>- 接线方式: 冷压连接</p> <p>- 额定电流(25℃): 20A</p> <p>- 额定电压: 630V</p> <p>- 额定脉冲电压: 6KV</p> <p>- 过电压保护等级: III</p> <p>- 污染等级: 3</p> <p>- 插针需单独订购。</p> <p>机械参数:</p> <p>- 外壳材质: 铜合金, 锌合金</p> <p>- 外壳表面处理: 镀镍</p> <p>- 插芯材质: PBT</p> <p>- 密封材质: 氟橡胶</p> <p>- 温度范围: -40℃...+130℃</p> <p>- 电缆直径: <math>\phi 3.5-12\text{mm}</math></p> <p>- 插拔次数: &gt; 500</p> <p>- 防护等级: IP67</p> <p>Technical specification:</p> <p>- Series: M17</p> <p>- Number of contacts: 4</p> <p>- Contact arrangement: 3+PE</p> <p>- Contact diameter(mm): <math>\phi 1.5</math></p> <p>- Wire gauge(mm<sup>2</sup>/AWG): 0.35-2.5</p> <p>- Terminal: Crimp</p> <p>- Rated current(25℃): 20A</p> <p>- Rated voltage: 630V</p> <p>- Rated impulse voltage: 6KV</p> <p>- Overvoltage category: III</p> <p>- Pollution degree: 3</p> <p>Mechanical specification:</p> <p>- Material of housing: CuZn,Zinc(GD-Zn)</p> <p>- Finish of housing: Nickel-plated</p> <p>- Material of Insert: PBT</p> <p>- Material of sealing: FPM</p> <p>- Temperature range: -40℃...+130℃</p> <p>- Cable Outlet: <math>\phi 3.5-12\text{mm}</math></p> <p>- Mating cycles: &gt;500</p> <p>- Degree of protection: IP67</p> <p>- Contact need to be ordered separately.</p> |               |                       |                | 插针数<br>Contacts   |                     | 电缆出口直径 $\phi D$<br>Cable outlet | 产品料号<br>Part No.     | 型号<br>Part Code | 重量<br>Weight |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                       |                | 4(3+PE)           | 3.5-6mm             | 1650047202512                   | M17-FC04-CCT-D6-SH   | 56.4g           |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                       |                |                   | 6-9.5mm             | 1650047202500                   | M17-FC04-CCT-D9.5-SH | 53.9g           |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                       |                |                   | 3.5-6mm             | -                               | M17-MC04-CCT-D6-SH   | 55.7g           |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
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| 9.5-12 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1650047102501 | M17-MC04-CCT-D12-SH   | 50.7g          |                   |                     |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| <p>针位排布图/Contact arrangement</p> <table><tr><th>FC04(母)</th><th>MC04(公)</th></tr><tr><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |                       |                |                   |                     |                                 | FC04(母)              | MC04(公)         |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| FC04(母)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MC04(公)       |                       |                |                   |                     |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
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| <table><tr><td>标记<br/>Mark</td><td>次数<br/>Number</td><td colspan="2">变更描述/Description</td><td>签名<br/>Signature</td><td>日期<br/>Date</td></tr><tr><td>绘图<br/>Drawn</td><td>ZH SU</td><td>15.03.2024</td><td>标准化<br/>Stand.</td><td>-</td><td>-</td></tr><tr><td>审核<br/>Checked</td><td>ZQ XU</td><td>15.03.2024</td><td>批准<br/>Approved</td><td>HQ ZHANG</td><td>15.03.2024</td></tr><tr><td>工艺<br/>Process</td><td>-</td><td>-</td><td></td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                       |                | 标记<br>Mark        | 次数<br>Number        | 变更描述/Description                |                      | 签名<br>Signature | 日期<br>Date   | 绘图<br>Drawn | ZH SU | 15.03.2024 | 标准化<br>Stand. | - | - | 审核<br>Checked | ZQ XU | 15.03.2024 | 批准<br>Approved | HQ ZHANG | 15.03.2024 | 工艺<br>Process | - | - |  |  |  | <table><tr><td>表面处理<br/>Finish</td><td colspan="3">-</td><td>图号<br/>Drawing No.</td><td>-</td></tr><tr><td>材料<br/>Material</td><td colspan="3">-</td><td>产品代号<br/>Part Code</td><td>M17-XC04-CCT-DXX-SH</td></tr><tr><td>比例<br/>Scale</td><td>版本<br/>REV.</td><td>重量<br/>Weight</td><td>数量<br/>Qty.</td><td>产品料号<br/>Part No.</td><td>-</td></tr><tr><td>1:1</td><td>V1.1</td><td>-</td><td>-</td><td>产品名称<br/>Part Name</td><td>-</td></tr><tr><td colspan="4"></td><td colspan="2"></td></tr></table> |  |  |  | 表面处理<br>Finish | - |  |  | 图号<br>Drawing No. | - | 材料<br>Material | - |  |  | 产品代号<br>Part Code | M17-XC04-CCT-DXX-SH | 比例<br>Scale | 版本<br>REV. | 重量<br>Weight | 数量<br>Qty. | 产品料号<br>Part No. | - | 1:1 | V1.1 | - | - | 产品名称<br>Part Name | - |  |  |  |  |  |  |
| 标记<br>Mark                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 次数<br>Number  | 变更描述/Description      |                | 签名<br>Signature   | 日期<br>Date          |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| 绘图<br>Drawn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ZH SU         | 15.03.2024            | 标准化<br>Stand.  | -                 | -                   |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| 审核<br>Checked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ZQ XU         | 15.03.2024            | 批准<br>Approved | HQ ZHANG          | 15.03.2024          |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| 工艺<br>Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -             | -                     |                |                   |                     |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| 表面处理<br>Finish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -             |                       |                | 图号<br>Drawing No. | -                   |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| 材料<br>Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -             |                       |                | 产品代号<br>Part Code | M17-XC04-CCT-DXX-SH |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| 比例<br>Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 版本<br>REV.    | 重量<br>Weight          | 数量<br>Qty.     | 产品料号<br>Part No.  | -                   |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
| 1:1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | V1.1          | -                     | -              | 产品名称<br>Part Name | -                   |                                 |                      |                 |              |             |       |            |               |   |   |               |       |            |                |          |            |               |   |   |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |                |   |  |  |                   |   |                |   |  |  |                   |                     |             |            |              |            |                  |   |     |      |   |   |                   |   |  |  |  |  |  |  |
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