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| 日期/Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 档案员<br>Filing Clerk |  | 1          |  | 2                                                                                 |  | 3                                             |  | 4                                                                       |  | 5                      |  | 6            |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
| <div>技术参数:</div> <ul style="list-style-type: none"><li>产品系列: M17</li><li>插针数: 12</li><li>插针直径(mm): <math>\phi 1</math></li><li>接线范围(mm<sup>2</sup>/AWG): 0.03-1.0/AWG32-18</li><li>接线方式: 冷压连接</li><li>额定电流(25℃): 7A</li><li>额定电压: 32V</li><li>额定脉冲电压: 1.5KV</li><li>过电压保护等级: III</li><li>污染等级: 3</li><li>阻燃等级: UL94-V0</li><li>海拔: 2000m</li><li>插针需单独订购。</li></ul> <div>机械参数:</div> <ul style="list-style-type: none"><li>外壳材质: 铜合金, 锌合金</li><li>外壳表面处理: 镀镍</li><li>插芯材质: PBT</li><li>密封材质: 氟橡胶</li><li>温度范围: -40℃...+130℃</li><li>电缆直径: 6-12mm 屏蔽</li><li>插拔次数: &gt;500</li><li>防护等级: IP67</li></ul> <div>Technical specification:</div> <ul style="list-style-type: none"><li>Series: M17</li><li>Number of contacts: 12</li><li>Contact diameter(mm): <math>\phi 1</math></li><li>Wire gauge(mm<sup>2</sup>/AWG): 0.03-1.0/AWG32-18</li><li>Terminal: Crimp</li><li>Rated current(25℃): 7A</li><li>Rated voltage: 32V</li><li>Rated impulse voltage: 1.5KV</li><li>Overvoltage category: III</li><li>Pollution degree: 3</li><li>Flame retardant grade: UL94-V0</li><li>ALT: 2000m</li></ul> <div>Mechanical specification:</div> <ul style="list-style-type: none"><li>Material of housing: CuZn,Zinc(GD-Zn)</li><li>Finish of housing:Nickel-plated</li><li>Material of Insert:PBT</li><li>Material of sealing:FPM</li><li>Temperature range: -40℃...+130℃</li><li>Cable Outlet: 6-12mm Shielded</li><li>Mating cycles: &gt;500</li><li>Degree of protection: IP67</li><li>Contact need to be ordered separately.</li></ul> |  |                     |  |            |  | 插针数<br>Contacts                                                                   |  | 电缆出口直径 $\phi$<br>Cable outlet                 |  | 产品料号<br>Cable outlet                                                    |  | 型号<br>Part Code        |  | 重量<br>Weight |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | 12                                                                                |  | 6-9.5mm                                       |  | 1650124002501                                                           |  | M17-012-CCT/RA-D9.5-SH |  | 51.54g       |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  |                                                                                   |  | 9.5-12 mm                                     |  | 1650124002502                                                           |  | M17-012-CCT/RA-D12-SH  |  | 50.94g       |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  |                                                                                   |  | 3-6 mm                                        |  | -                                                                       |  | M17-012-CCT/RA-D6-SH   |  | -            |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
| <div>面板安装尺寸/Panel Cut-out</div> <div><div><div>18.1<sup>+0.1</sup><sub>-0.0</sub></div><div>MAX13mm</div></div><div><div><math>\phi 20.2 \pm 0.1</math></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                     |  |            |  |                                                                                   |  |                                               |  |                                                                         |  |                        |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  |                                                                                   |  |                                               |  |                                                                         |  |                        |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
| <div>Technical drawing showing side view of the connector with dimensions: (54.6), M17*1.0, M20*1.5, <math>\phi 6-12</math>, SW19.5, SW24, and a label 可变的螺母片 (Adjustable nut).</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                     |  |            |  |                                                                                   |  |                                               |  |                                                                         |  |                        |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | <div>针位排布图<br/>Contact arrangement</div> <div></div> <div>比例<br/>Scale: 2:1</div> |  |                                               |  |                                                                         |  |                        |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
| <div>Approval table</div> <table><tr><td colspan="2">标记<br/>Mark</td><td colspan="2">处数<br/>Number</td><td colspan="2">变更描述/Description</td><td colspan="2">签名<br/>Signature</td><td colspan="2">日期<br/>Date</td></tr><tr><td colspan="2">姓名/Name</td><td colspan="2">日期/Date</td><td colspan="2">姓名/Name</td><td colspan="2">日期/Date</td></tr><tr><td colspan="2">绘图<br/>Drawn</td><td colspan="2">GY YE</td><td colspan="2">14.07.2023</td><td colspan="2">—</td><td colspan="2">—</td></tr><tr><td colspan="2">审核<br/>Checked</td><td colspan="2">ZQ XU</td><td colspan="2">14.07.2023</td><td colspan="2">—</td><td colspan="2">—</td></tr><tr><td colspan="2">工艺<br/>Process</td><td colspan="2">—</td><td colspan="2">—</td><td colspan="2">批准<br/>Approved</td><td colspan="2">HQ ZHANG 14.07.2023</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                     |  |            |  | 标记<br>Mark                                                                        |  | 处数<br>Number                                  |  | 变更描述/Description                                                        |  | 签名<br>Signature        |  | 日期<br>Date   |  | 姓名/Name |  | 日期/Date |  | 姓名/Name |  | 日期/Date |  | 绘图<br>Drawn |  | GY YE |  | 14.07.2023 |  | — |  | — |  | 审核<br>Checked |  | ZQ XU |  | 14.07.2023 |  | — |  | — |  | 工艺<br>Process |  | — |  | — |  | 批准<br>Approved |  | HQ ZHANG 14.07.2023 |  | 表面处理<br>Finish |  | — |  | 图号<br>Drawing No. |  | — |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | 标记<br>Mark                                                                        |  | 处数<br>Number                                  |  | 变更描述/Description                                                        |  | 签名<br>Signature        |  | 日期<br>Date   |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | 绘图<br>Drawn                                                                       |  | GY YE                                         |  | 14.07.2023                                                              |  | —                      |  | —            |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
| 审核<br>Checked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | ZQ XU               |  | 14.07.2023 |  | —                                                                                 |  | —                                             |  |                                                                         |  |                        |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
| 工艺<br>Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | —                   |  | —          |  | 批准<br>Approved                                                                    |  | HQ ZHANG 14.07.2023                           |  |                                                                         |  |                        |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | 材料<br>Material                                                                    |  | —                                             |  | 产品代号<br>Part Code                                                       |  | M17-012-CCT/RA-Dxx-SH  |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | 比例<br>Scale                                                                       |  | 版本<br>REV.                                    |  | 重量<br>Weight                                                            |  | 数量<br>Qty.             |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | 1:1                                                                               |  | V1.1                                          |  | —                                                                       |  | —                      |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |            |  | <div>比例尺<br/>Scale</div> <div></div>                                              |  | All Dimensions in mm<br>Original Size DIN A 4 |  | <div>WAIN</div> <div>厦门唯恩电气有限公司<br/>XIAMEN WAIN ELECTRICAL CO.LTD</div> |  |                        |  |              |  |         |  |         |  |         |  |         |  |             |  |       |  |            |  |   |  |   |  |               |  |       |  |            |  |   |  |   |  |               |  |   |  |   |  |                |  |                     |  |                |  |   |  |                   |  |   |  |