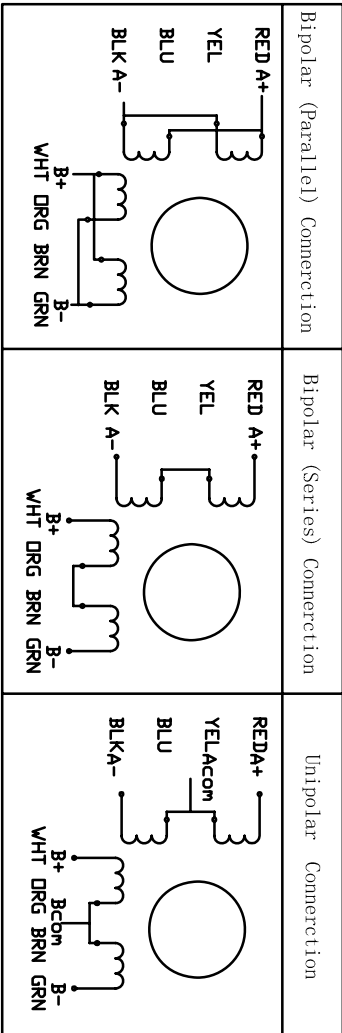


|                                      |                                |   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
|--------------------------------------|--------------------------------|---|--|----------------------------|--|---|--|-----------|-----------------------|------|---|----------------------------|----------|-----------------------------|------------------------|-----------|---|---------------|---------|--------------|---------------|-------|---|--------------------------------|----------|---|--------------------------------|-----------|---|-----------------------|-------------------|---|-------------------------------|--------------|----|--------------------------|-----------|----|-----------------------------|---------------|----|--------------------------|------------|----|----------------------|-------------|----|--|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
| XXXX                                 |                                | A   |  | B                          |  | C   |  | D         |                       | E    |   | F                          |          | G                           |                        | H         |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 接线图<br>Wiring Diagram                |                                |   |  |                            |  | <table border="1"> <tr> <td>1</td> <td>相数<br/>Number of Phase</td> <td>2</td> </tr> <tr> <td>2</td> <td>步距角<br/>Step Angle</td> <td>1.8° ±5%</td> </tr> <tr> <td>3</td> <td>保持力矩<br/>Holding Torque</td> <td>85 kg·cm</td> </tr> <tr> <td>4</td> <td>电压<br/>Voltage</td> <td>4.9 VDC</td> </tr> <tr> <td>5</td> <td>电流<br/>Current</td> <td>4.9 A</td> </tr> <tr> <td>6</td> <td>相电阻<br/>Phase Resistance (20°C)</td> <td>1.0±10%Ω</td> </tr> <tr> <td>7</td> <td>相电感<br/>Phase Inductance (1KHz)</td> <td>5.5±20%mH</td> </tr> <tr> <td>8</td> <td>转子惯量<br/>Rotor Inertia</td> <td>g·cm<sup>2</sup></td> </tr> <tr> <td>9</td> <td>绝缘电阻<br/>Insulation Resistance</td> <td>100MΩ 500VDC</td> </tr> <tr> <td>10</td> <td>绝缘等级<br/>Insulation Class</td> <td>B (130°C)</td> </tr> <tr> <td>11</td> <td>环境温度<br/>Ambient Temperature</td> <td>-20°C to 50°C</td> </tr> <tr> <td>12</td> <td>环境湿度<br/>Ambient Humidity</td> <td>15% to 95%</td> </tr> <tr> <td>13</td> <td>电机重量<br/>Motor Weight</td> <td>Approx xxkg</td> </tr> <tr> <td>14</td> <td></td> <td></td> </tr> </table> |  | 1         | 相数<br>Number of Phase | 2    | 2 | 步距角<br>Step Angle          | 1.8° ±5% | 3                           | 保持力矩<br>Holding Torque | 85 kg·cm  | 4 | 电压<br>Voltage | 4.9 VDC | 5            | 电流<br>Current | 4.9 A | 6 | 相电阻<br>Phase Resistance (20°C) | 1.0±10%Ω | 7 | 相电感<br>Phase Inductance (1KHz) | 5.5±20%mH | 8 | 转子惯量<br>Rotor Inertia | g·cm <sup>2</sup> | 9 | 绝缘电阻<br>Insulation Resistance | 100MΩ 500VDC | 10 | 绝缘等级<br>Insulation Class | B (130°C) | 11 | 环境温度<br>Ambient Temperature | -20°C to 50°C | 12 | 环境湿度<br>Ambient Humidity | 15% to 95% | 13 | 电机重量<br>Motor Weight | Approx xxkg | 14 |  |  | <p>规格 SPECIFICATIONS</p> <p>Unit:mm<br/>第一角画法<br/>First angle method<br/>公差连续性<br/>Tolerances for linear and angular dimensions without individual tolerance indications<br/>GB/T 1804-m eqv ISO 2768-1-m<br/>未注形位与位置尺寸公差<br/>Geometrical tolerances for features without individual tolerance indications<br/>GB/T 1184-m eqv ISO 2768-2-k</p> |  | <p>设计 DESIGN</p> <p>校核 CHECK</p> <p>工艺 TECHNOLOGY</p> <p>标准化 STANDARD</p> <p>批准 APPROVE</p> |  | <p>设计 DESIGN</p> <p>校核 CHECK</p> <p>工艺 TECHNOLOGY</p> <p>标准化 STANDARD</p> <p>批准 APPROVE</p> |  | <p>设计 DESIGN</p> <p>校核 CHECK</p> <p>工艺 TECHNOLOGY</p> <p>标准化 STANDARD</p> <p>批准 APPROVE</p> |  | <p>设计 DESIGN</p> <p>校核 CHECK</p> <p>工艺 TECHNOLOGY</p> <p>标准化 STANDARD</p> <p>批准 APPROVE</p> |  | <p>设计 DESIGN</p> <p>校核 CHECK</p> <p>工艺 TECHNOLOGY</p> <p>标准化 STANDARD</p> <p>批准 APPROVE</p> |  | <p>设计 DESIGN</p> <p>校核 CHECK</p> <p>工艺 TECHNOLOGY</p> <p>标准化 STANDARD</p> <p>批准 APPROVE</p> |  | <p>设计 DESIGN</p> <p>校核 CHECK</p> <p>工艺 TECHNOLOGY</p> <p>标准化 STANDARD</p> <p>批准 APPROVE</p> |  |
| 1                                    | 相数<br>Number of Phase          | 2   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 2                                    | 步距角<br>Step Angle              | 1.8° ±5%  |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 3                                    | 保持力矩<br>Holding Torque         | 85 kg·cm  |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 4                                    | 电压<br>Voltage                  | 4.9 VDC   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 5                                    | 电流<br>Current                  | 4.9 A   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 6                                    | 相电阻<br>Phase Resistance (20°C) | 1.0±10%Ω  |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 7                                    | 相电感<br>Phase Inductance (1KHz) | 5.5±20%mH   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 8                                    | 转子惯量<br>Rotor Inertia          | g·cm <sup>2</sup>                                       |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 9                                    | 绝缘电阻<br>Insulation Resistance  | 100MΩ 500VDC  |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 10                                   | 绝缘等级<br>Insulation Class       | B (130°C)   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 11                                   | 环境温度<br>Ambient Temperature    | -20°C to 50°C   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 12                                   | 环境湿度<br>Ambient Humidity       | 15% to 95%  |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 13                                   | 电机重量<br>Motor Weight           | Approx xxkg   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 14                                   |                                |   |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| REV. 86BHH118-Y490A-32A加装ALS0S4AE制动器 |                                | DATE 20150508   |  | UNLESS OTHERWISE SPECIFIED |  | NAMES   |  | SIGNATURE |                       | DATE |   | Model: 86BHH118-490G-32J-Z |          | TYPE: HYBRID STEPPING MOTOR |                        | SCALE: XX |   | Rev. 1.0      |         | SHEET 1 OF 1 |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 版本记录 REVISION RECORD                 |                                | DATE  |  | UNLESS OTHERWISE SPECIFIED |  | NAMES   |  | SIGNATURE |                       | DATE |   | Model: 86BHH118-490G-32J-Z |          | TYPE: HYBRID STEPPING MOTOR |                        | SCALE: XX |   | Rev. 1.0      |         | SHEET 1 OF 1 |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |
| 常州创伟电机电器有限公司                         |                                | Changzhou Chuangwei Motor & Electric Apparatus Co., Ltd |  |                            |  |   |  |           |                       |      |   |                            |          |                             |                        |           |   |               |         |              |               |       |   |                                |          |   |                                |           |   |                       |                   |   |                               |              |    |                          |           |    |                             |               |    |                          |            |    |                      |             |    |  |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |

WIRINGS CONNECTION DIAGRAM



常州创伟电机电器有限公司



Changzhou Chuangwei Motor & Electric Apparatus Co., Ltd

Model: 86BHH118-490G-32J-Z

TYPE: HYBRID STEPPING MOTOR

SCALE: XX

Rev. 1.0

SHEET 1 OF 1