



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



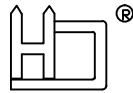
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惠州金力电机有限公司

KINGLY MOTOR CO., LTD

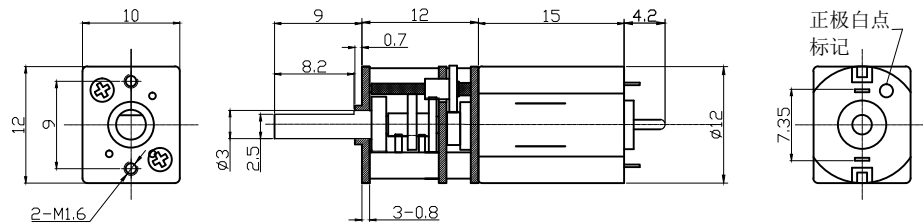
样品确认书

SAMPLE CONFIRMATION

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Model	JL-12FN20-1006-0614	Rated Voltage	6V	NO.	X19-7	Date:	2015.10.16
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## 外形图 Dimension



### 1. Standard Operating Conditions 正常使用条件

- |  |   |
|--|---|
| 1.1 Operating Voltage:<br>电压使用范围:                          | DC 3~7V (constant between motor terminals)<br>(马达接线终端之稳定电压) |
| 1.2 Operating Condition Temperature Range :<br>使用环境温度范围:   | -0~+40° C   |
| 1.3 Direction of Rotation:<br>旋转方向                         | CW or CCW   |
| Positive pole connect Red "+"<br>Negative pole connect "-" | 电源正极接红点"+"<br>负极接“-”端子                                      |
| Facing the output shaft axis                               | 面对轴伸端看输出轴应顺时针旋转CW   |

### 2. Measuring Conditions 测量条件

- |   |           |
|---|-----------|
| 2.1 Rated Voltage:<br>额定电压:             | DC 6V     |
| 2.2 Environment Temperature:<br>测试环境温度: | 25° C     |
| 2.3 Environment Humidity:<br>测试环境湿度:    | 50%       |
| 2.4 Position of Motor:<br>设置方向:         | 电机出力轴水平放置 |
| The tested sample is set level          |           |

### 3. Electrical characteristics (Test after running 30 seconds) 电器特性 (电机通电30秒后测试)

Mapper 制作	Assessor 审核	Approved 核准
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## 样品确认书

SAMPLE CONFIRMATION

Page 页码: 2/2

Model	JL-12FN20-1006-0614	Rated Voltage	6V	NO.	X19-7	Edition	A/0
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- |                                    |                     |
|------------------------------------|---------------------|
| 3.1 No-load:<br>空载特性:              |                     |
| 3.1.1 No-load speed:<br>无负载转速:     | 14.2 ± 10%rpm       |
| 3.1.2 No-load current:<br>无负载电流:   | 0.028A (0.056A max) |
| 3.2 Rated-load:<br>负载特性:           |                     |
| 3.2.1 Rated-load torque:<br>负载转矩:  | 0.8kg. cm           |
| 3.2.2 Rated-load current:<br>负载电流: | 0.078A (0.117A max) |
| 3.2.3 Rated-load Speed:<br>负载转速:   | 11.8 ± 10%rpm       |
| 3.2.4 Stall current:<br>堵转电流:      |                     |
| 3.2.5 Stall torque:<br>堵转力矩:       | 5.3kg. cm (参考值)     |

### 4. Mechanical characteristics 机械特性

- |   |         |
|---|---------|
| 4.1 Configuration: As specified in outline drawing<br>外观: 依图示规格                 |         |
| 4.2 Axial play of shaft<br>轴向间隙:  | ≤ 0.3mm |
| 4.3 Weight:<br>重量:  |         |
| 4.4 Mechanical Noise: To be set up with mutual consent<br>机械噪音: 设定双方均能接受之标准     |         |
| 4.5 Mechanical Vibration: To be set up with mutual consent<br>机械震动: 设定双方均能接受之标准 |         |

### 5. Motor features 电机特性

- |                               |                |
|-------------------------------|----------------|
| 5.1 No-load Current:<br>空载电流: | 0.02A          |
| 5.2 No-load Speed:<br>空载转速:   | 14500 ± 10%rpm |

### 6. Life test 寿命试验

- Test conditions 测试条件
- |  |                                     |
|--|-------------------------------------|
| 6.1 Rated load:<br>额定负载:   |                                     |
| 6.2 Environment: (Nomal circumstances)<br>环境: (常规情况)                   | 21° C ± 5° C / 65% ± 20%RH          |
| 6.3 Test mode: A. Rated-load continuous operation<br>试验模式: A. 额定负载连续运转 |                                     |
|  | B. Running 5s stop 5s<br>B. 运行5秒停5秒 |

Client Confirms :  
客户确认