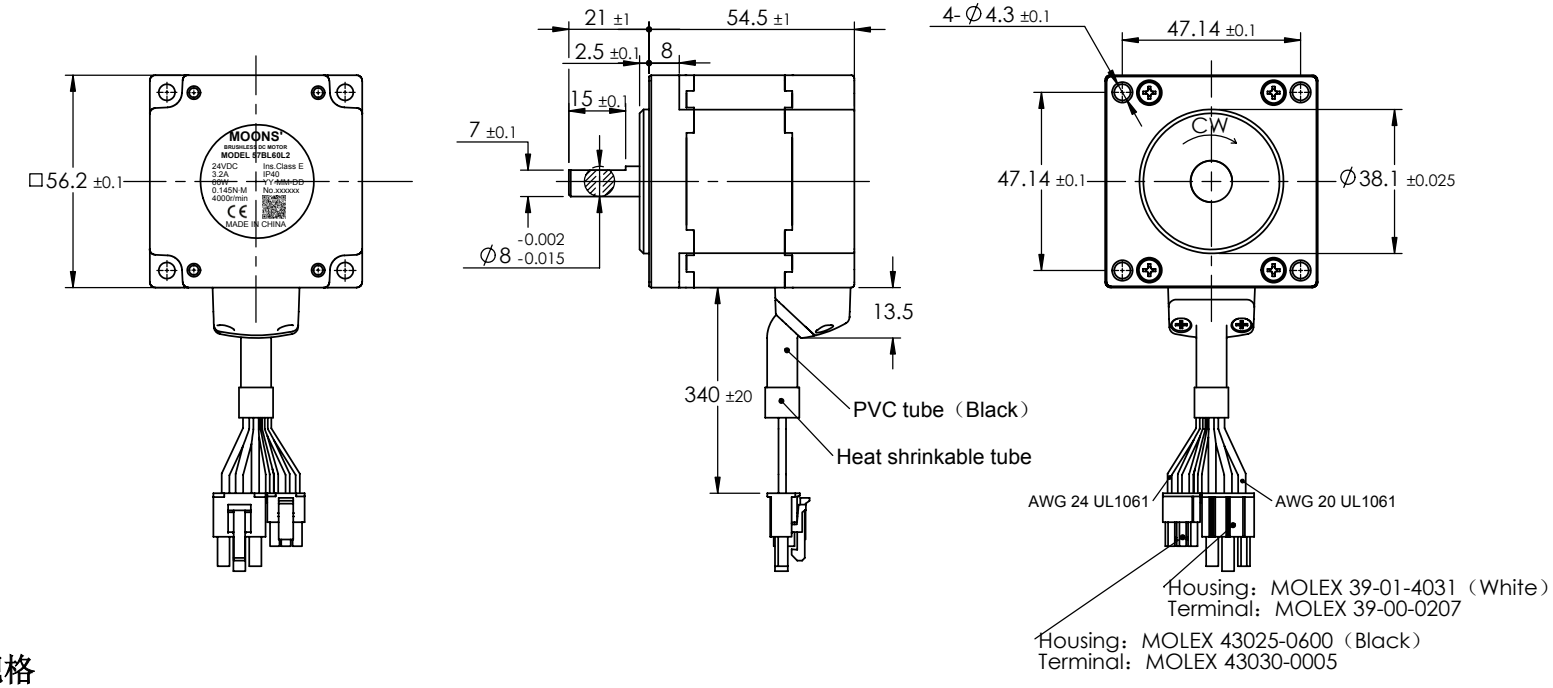
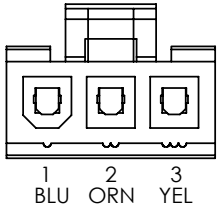
4611130000024

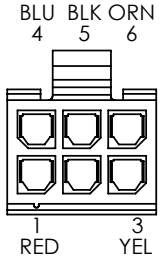



MOLEX
39-01-4031




| 编号 No. | 线色 COLOR | 定义 FUNCTION |
|---|---|---|
| 1 | 蓝/blue | W |
| 2 | 橙/orange | U |
| 3 | 黄/yellow | V |

MOLEX
43025-0600

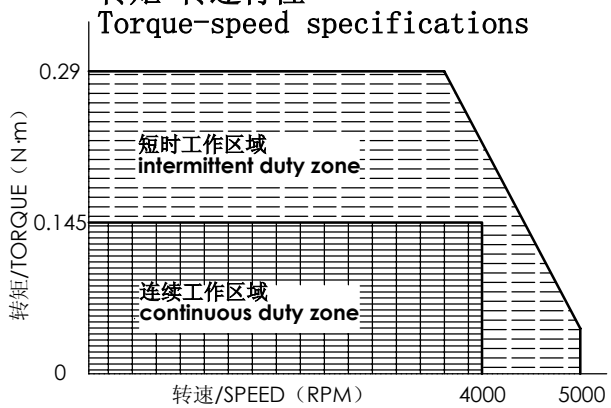



| 编号 No. | 线色 COLOR | 定义 FUNCTION |
|---|---|---|
| 1 | 红/red | VCC(+5V) |
| 3 | 黄/yellow | Hv |
| 4 | 蓝/blue | Hw |
| 5 | 黑/black | GND |
| 6 | 橙/orange | Hu |

## 规格
## Specifications

| | | | |
|---|---|---|---|
| 1 | 额定电压/Rated power supply | 24 | VDC |
| 2 | 额定输出功率/Rated output power | 60 | W |
| 3 | 极数/Poles number | 8 | |
| 4 | 相数/Phase number | 3 | |
| 5 | 额定转速/Rated rotational speed | 4000 | RPM |
| 6 | 最大转速/Maximum speed | 5000 | RPM |
| 7 | 额定转矩/Rated torque | 0.145 | N·m |
| 8 | 额定电流/Rated winding current | 3.20 | A |
| 9 | 线反电势系数/Voltage constant±10% | 3.08 | Vrms/krpm |
| 10 | 惯量/Moment of inertia | 1.4767x10^-5 | kg·m^2 |
| 11 | 线电阻Ph/ph resistance±10% at 20℃ | 0.48 | Ω |
| 12 | 线电感Ph/ph inductance±30% at 1KHz 20℃ | 0.45 | mH |
| 13 | 电机质量/Motor mass | 0.64 | kg |
| 14 | 绝缘等级/Insulation class | E | 120℃ |
| 15 | 防护等级/Protective enclosure rating | IP40 | |

## 转矩-转速特性
## Torque-speed specifications




| REV. | 版本记录 REVISION RECORD | DATE |
|---|---|---|
| G | | |
| F | | |
| E | | |
| D | | |
| C | | |
| B | 规格更改 | 2013-5-9 |
| A | 原始版本 Original revision | 2012-11-11 |

Unit：mm
第一角画法
FIRST ANGLE METHOD
未注线性与角度尺寸公差
Tolerances for linear and angular dimensions without individual tolerance indications
GB/T 1804-m eqv ISO 2768-1：m
未注形状与位置尺寸公差
Geometrical tolerance for features without individual tolerance indications
GB/T 1184-K eqv ISO 2768-2：K

UNLESS OTHERWISE SPECIFIED

| NAMES | SIGNATURE | DATE |
|---|---|---|
| 批准 Approve | | |
| 标准化 Standard | | |
| 工艺 Technology | | |
| 审核 Check | | |
| 设计 Design | 黄书文 | 2013-5-9 |

MOONS' BRUSHLESS DC MOTOR
Shanghai Moons' Electric Co., Ltd.

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Type: 57BL60L2 | Rev.B | SCALE 1:2 | Sheet 1 of 2

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