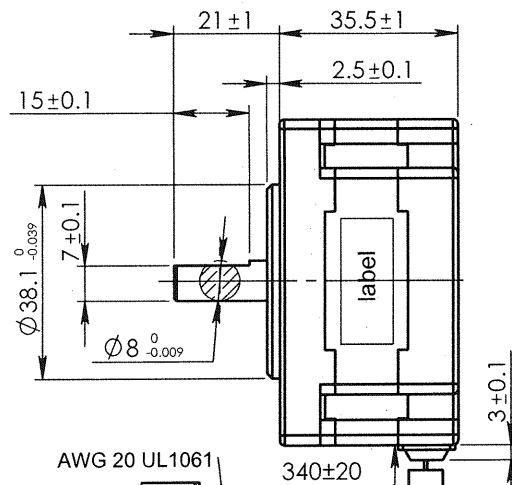
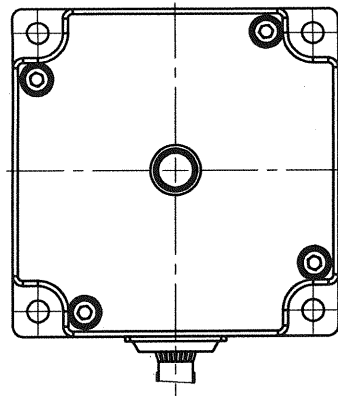
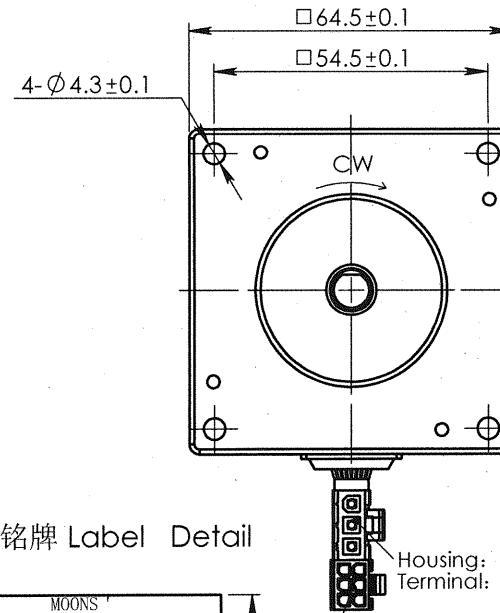
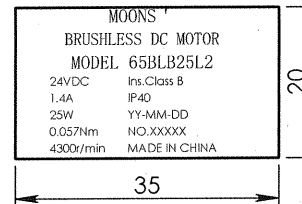


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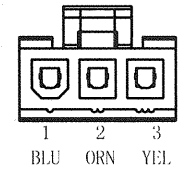
AWG 20 UL1061
AWG 24 UL1061
Heat shrinkable tube
PVC tube (Black)

电机铭牌 Label Detail



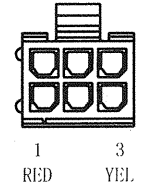
Housing: MOLEX 39-01-4031 (White)
Terminal: MOLEX 39-00-0207
Housing: MOLEX 43025-0600 (Black)
Terminal: MOLEX 43030-0005

P向
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

P向
MOLEX
43025-0600
BLU BLK ORN
4 5 6



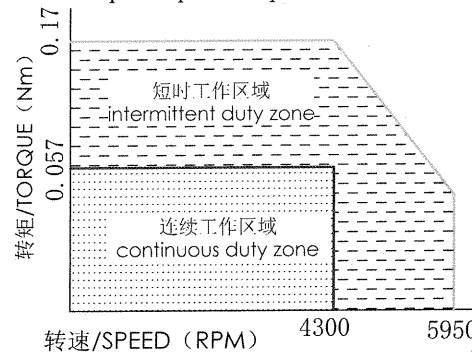
编号 NO.	线色 COLOR	定义 FUNCTION
1	红/red	VCC(+5V)
3	黄/yellow	Hv
4	蓝/blue	Hw
5	黑/black	GND
6	橙/orange	Hu

规格 Specifications

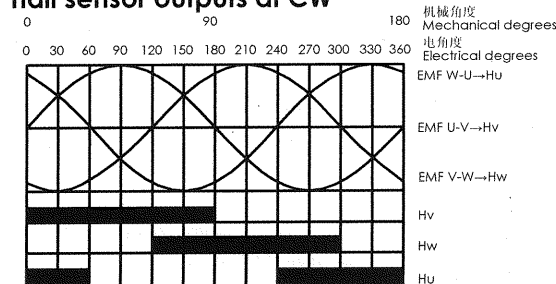
1	额定电压/Rated power supply	24	VDC
2	额定输出功率/Rated output power	25	W
3	极数/poles	4	
4	相数/Phase	3	
5	额定转速/Rated rotational speed	4300	RPM
6	最大转速/Maximum speed	5950	RPM
7	额定转矩/Rated torque	0.057	Nm
8	额定电流/Rated winding current	1.4	A
9	线反电势系数/Voltage constant±10%	4.2	Vrms/krpm
10	惯量/Moment of inertia	0.8x10 ⁻⁵	kgm ²
11	线电阻Ph/ph resistance±0.1Ω at 20℃	0.77	Ω
12	线电感Ph/ph inductance±30% at 1kHz 20℃	1.65	mH
13	电机质量/Motor mass	0.42	kg
14	绝缘等级/Insulation class	B	130℃
15	防护等级/Protective enclosure rating	IP40	

转矩-转速特性

Torque-speed specifications



线反电势与霍尔相位关系图 (顺时针)
Relation between phase EMF's and
hall sensor outputs at CW

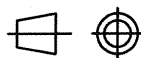


Unit: mm

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



批准 Approve

标准化 Standard

工艺 Technology

审核 Check

设计 Design

MOONS'**Shanghai Moons' Electric Co., Ltd.**

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BRUSHLESS DC MOTOR

A	原始版本 Original revision	2018-05-25
REV.	版本记录 REVISION RECORD	DATE

UNLESS OTHERWISE SPECIFIED

NAMES

SIGNATURE

DATE

Type: 65BLB25L2

Rev.A

SCALE 1:1.5

Sheet 1 of 1