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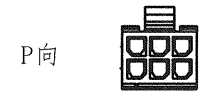
MOLEX 39-01-4031



1 2 3  
BRO ORN GRE

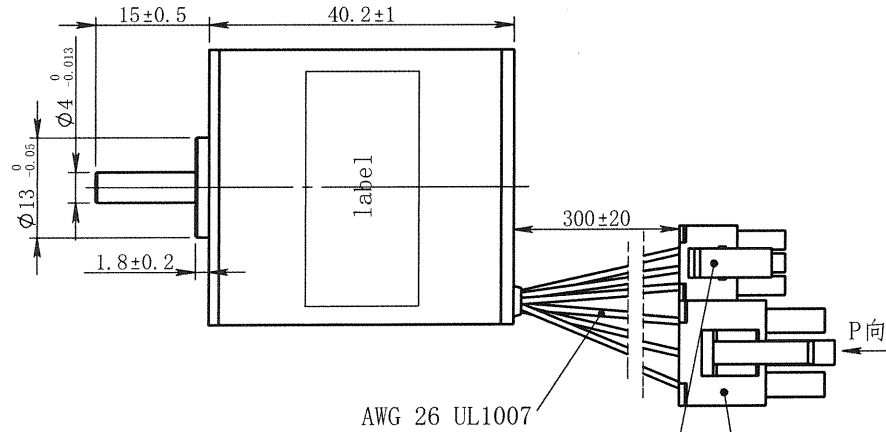
Pin No.	线色 COLOR	定义 FUNCTION
1	棕/brown	W
2	橙/orange	U
3	绿/green	V

MOLEX 43025-0600  
1 3  
RED WHI



BLU BLA YEL  
4 5 6

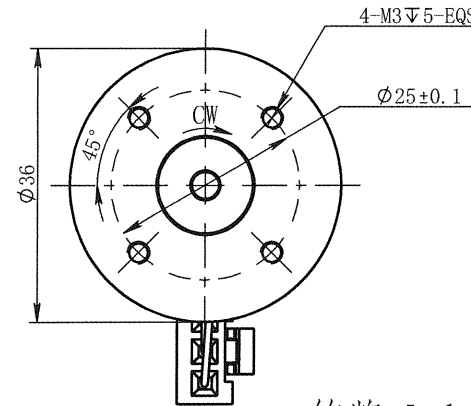
Pin No.	线色 COLOR	定义 FUNCTION
1	红/red	VCC(+5V)
3	白/white	Hv
4	蓝/blue	Hw
5	黑/black	GND
6	黄/yellow	Hu



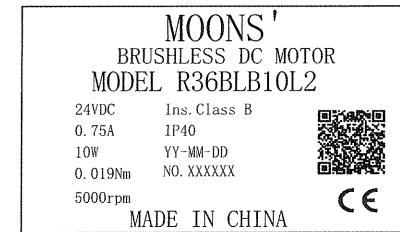
AWG 26 UL1007

Housing:  
MOLEX 43025-0600 (Black)  
Terminal:  
MOLEX 43030-0005

Housing:  
MOLEX 39-01-4031 (White)  
Terminal:  
MOLEX 39-00-0207



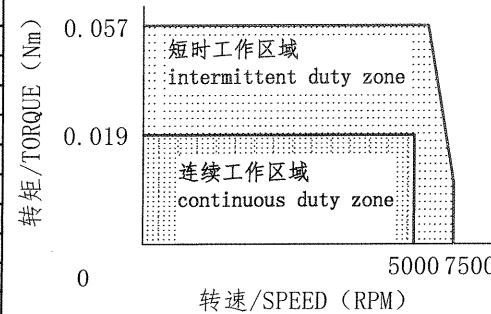
铭牌 Label Detail



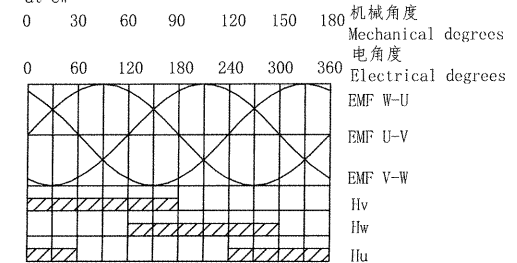
## 规格 Specifications

1	额定电压/Rated power supply	24	VDC
2	额定输出功率/Rated output power	10	W
3	极数/Poles number	4	
4	相数/Phase number	3	
5	额定转速/Rated rotational speed	5000	RPM
6	最大转速/Maximum speed	7500	RPM
7	额定转矩/Rated torque	0.019	Nm
8	额定电流/Rated winding current	0.75	A
9	线反电势系数/Voltage constant±10%	3.46	Vrms/krpm
10	惯量/Moment of inertia	3.1481x10 <sup>-7</sup>	kgm <sup>2</sup>
11	线电阻Ph/ph resistance±15% at 20°C	5.8	Ω
12	线电感Ph/ph inductance±30% at 1KHz 20°C	8.3	mH
13	电机质量/Motor mass	0.15	kg
14	绝缘等级/Insulation class	B	130°C
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



G	
F	
E	
D	
C	
B	
A	原始版本 Original revision
REV.	版本记录 REVISION RECORD

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	
NAMES	
SIGNATURE	
DATE	

<b>MOONS'</b>		BRUSHLESS DC MOTOR	
<b>Shanghai Moons' Electric Co., Ltd.</b>			
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Type: R36BLB10L2	REV: A	SCALE 1:1	Sheet 1 of 1