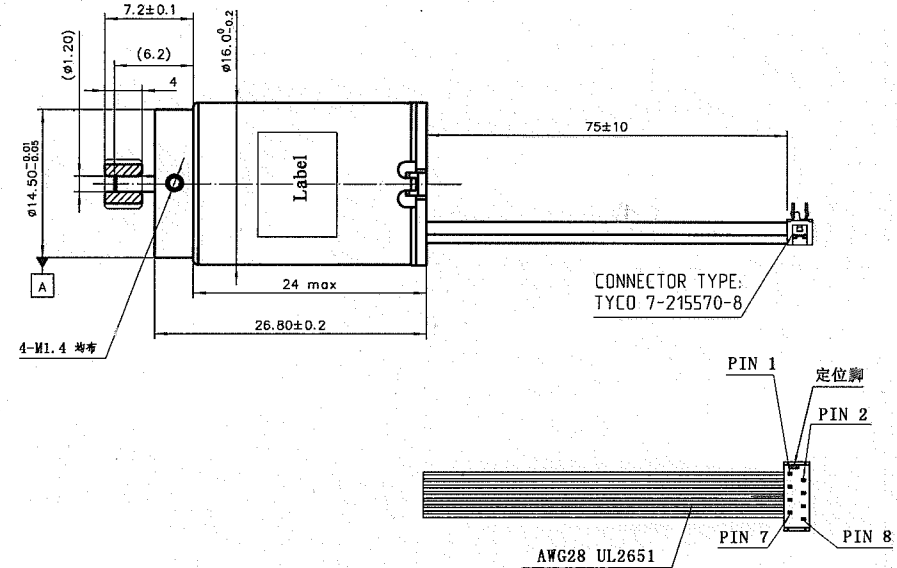
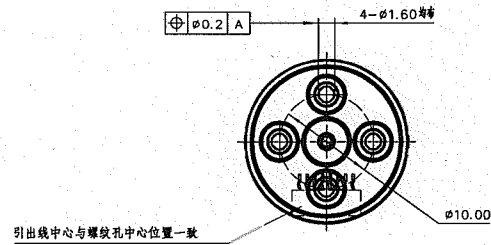


4611125000001




规格/Specifications

额定电压/Nominal voltage	8.5	V
空载转速/No load speed	12700	rpm
空载电流/No load current	110	mA
额定转速/Nominal speed	11880	rpm
额定转矩/Nominal torque	2.00	mNm
额定电流/Nominal current	0.3	A
堵转转矩/Stall torque	20.68	mNm
堵转电流/Stall current	4.10	A
最大效率/Maximum efficiency	62	%
电机极数/Number of poles	8	
相数/ Number of phases	3	
相间电阻/Terminal resistance phase to phase	2.09	Ω
相间电感/Terminal inductance phase to phase	0.33	mH
转矩常数/Torque constant	5.044	mNm/A
转速常数/Speed constant	0.47±10%	V/krpm
速度/转矩常数/Speed/torque gradient	5224	rpm/mNm
机械时间常数/Mechanical time constant	6.85	ms
转子惯量/Rotor inertia	2.86	gcm ²
电机质量/Weight of motor	19	g
绝缘等级/Insulation class	F	

PIN No.	信号/Signal
1	霍尔传感器1/Hall IC 1
2	霍尔传感器2/Hall IC 2
3	霍尔传感器3/Hall IC 3
4	GND
5	VCC
6	电机绕组 U
7	电机绕组 V
8	电机绕组 W

铭牌/Label Detail

Motor Type	BLR16026H09-S001
Date	YYMMDD XXXX



备注:1.铭牌内字体为宋体, 字高0.7;
2.二维码内包括电机型号与生产日期。

注: 速度常数为: 每1000转下的线反电势有效值Vrms/krpm。

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'

Slotless Brushless DC Motor

Shanghai Moons' Electric Co., Ltd.

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REV.	版本记录 REVISION RECORD	DATE	UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Type: BLR16024H09-S001	Rev. A	SCALE 1:2	SHEET 1 OF 1
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