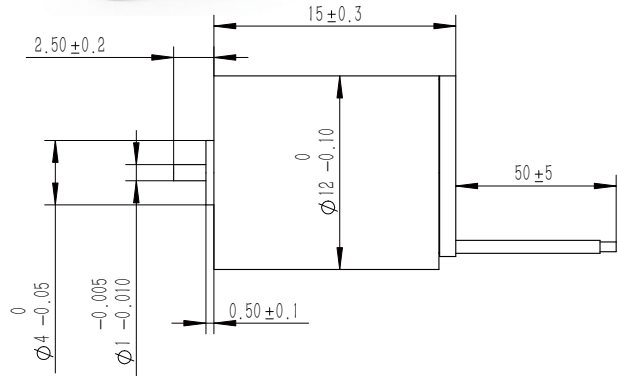
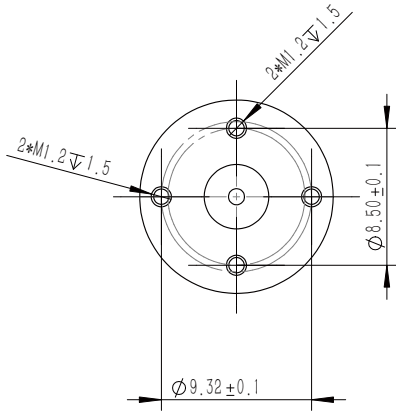


空心杯电枢绕组-无刷
Φ12*L15mm 无刷电机Brushless DC motor



EC MOTOR



电机型号Motor Model

EC1215

电机参数 Motor Data

1 额定电压 Nominal voltage	V/DC	3.7
2 额定转速 Nominal speed	rpm	21000
3 额定电流 Nominal current	A	1.67
4 额定转矩 Nominal torque	mNm	1.5
5 空载转速 No-load speed	rpm	30000
6 空载电流 No-load current	mA	165
7 最大效率 Max. efficiency	%	65
8 最大连续转矩 Max continuous torque	mNm	2
9 堵转电流 Stall current	A	5
10 堵转转矩 Stall torque	mNm	4.5

电机常数 Motor Constants

11 电机阻抗 Terminal resistance	Ω	0.8
12 电机感抗 Terminal inductance	mH	0.01
13 转矩常数 Torque constant	mNm/A	1.1
14 转速常数 Speed constant	rpm/V	8415
15 转数/转矩常数 Speed/torque constant	rpm/mNm	166868.5
16 机械时间常数 Mechanical time constant	ms	4.1
17 转子惯量 Rotor inertia	gcm ²	0.2

其它 Others

18 极对数	Number of pole pairs		1
19 相数	Number of phase		3
20 重量	Weight of motor	g	7.8
21 噪音	Typical noise level	dB	<42

电机端子定义Motor terminal definition

红	M1	U
白	M2	V
黑	M3	W

端子型号Terminal model: PH2.0-8Pin 4.9

电机特性曲线 (Motor Characteristics Curve)

