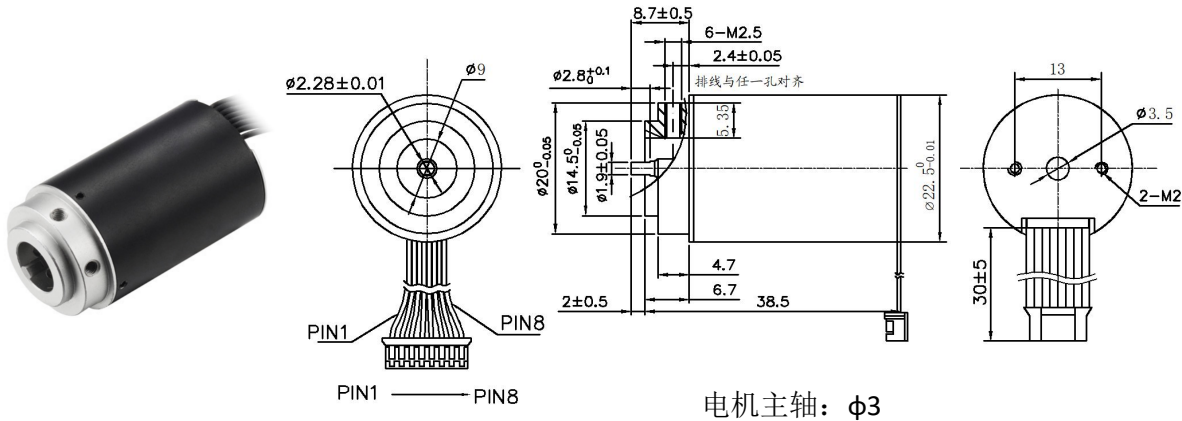




Coreless Brushless DC Motor

LS-2238RB



Typical Applications: Electric Screwdrivers, Power tools

电机参数 (Motor data)		25B	14B	06B		
额定电压下数值 (Values at nominal voltage)						
1 额定电压 (Nominal voltage)	V	12	12	30		
2 空载转速 (No load speed)	rpm	12500	13140	15200		
3 空载电流 (No load current)	mA	120	90	80		
4 额定转速 (Nominal speed)	rpm	10150	11030	12540		
5 额定转矩 (最大连续转矩) (Nominal torque)	mNm	5	6	6		
6 额定电流 (最大连续电流) (Nominal current)	A	0.65	0.79	0.41		
7 堵转转矩 (Stall torque)	mNm	26.30	37.1	33.77		
8 堵转电流 (Stall current)	A	2.99	4.35	1.87		
9 最大效率 (Max efficiency)	%	69	74	67		
电机常数 (Motor constant)						
10 相间电阻 (Terminal resistance)	Ω	4.01	2.76	16.03		
11 转矩常数 (Torque constant)	mNm/A	8.98	8.55	18.47		
12 速度常数 (Speed constant)	rpm/V	1042	1095	507		

其他特性参数 Other characteristic parameters

- 13 环境温度范围 (Ambient temperature) -10~40°C
- 14 绕组最高允许温度 (Max permissible winding temperature) 120°C
- 15 最高允许转速 (Max permissible speed) 20000rpm
- 16 电极磁极对数 (Number of the pole pairs) 1
- 17 相数 (Number of Phases) 3
- 18 电机质量 (Weight) 53.7g

端子定义 (terminals):

- PIN1-PIN3 电机绕组 (motor winding) 1--3
- PIN4 GND
- PIN5-PIN7 传感器 (sensors) 1--3
- PIN8 Val1 2-18VDC

06B电机曲线图 motor curve

