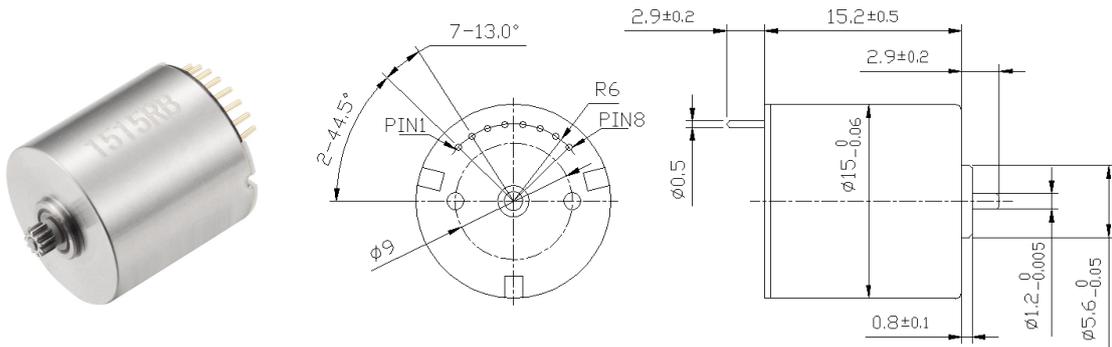


1515RB Coreless BLDC Motor



Typical Applications: Door lock, Robot, RC servo

电机参数 (Motor data)		03A	06A	12C		
额定电压下数值 (Values at nominal voltage)						
1 额定电压 (Nominal voltage)	V	6	7.4	7.4		
2 空载转速 (No load speed)	rpm	29560	32720	37000		
3 空载电流 (No load current)	mA	250	230	220		
4 额定转速 (Nominal speed)	rpm	22280	25500	33300		
5 额定转矩(最大连续转矩) (Nominal torque)	mNm	1.4	1.4	0.91		
6 额定电流(最大连续电流) (Nominal current)	A	0.9	0.85	0.64		
7 堵转转矩 (Stall torque)	mNm	6.0	6.3	9.1		
8 堵转电流 (Stall current)	A	3.40	3.13	4.8		
9 最大效率 (Max efficiency)	%	61	61	69		
电机常数 (Motor constant)						
10 相间电阻 (Terminal resistance)	Ω	1.77	2.36	1.55		
11 转矩常数 (Torque constant)	mNm/A	1.90	2.12	1.87		
12 速度常数 (Speed constant)	rpm/V	4927	4422	5000		

其他特性参数 Other characteristic parameters

- 13 环境温度范围 (Ambient temperature) -10~40℃
- 14 绕组最高允许温度 (Max permissible winding temperature) 120℃
- 15 最高允许转速 (Max permissible speed) 35000rpm
- 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) 12.6g

端子定义 (terminals):

- PIN1 C
- PIN2 GND
- PIN3 HB
- PIN4 HA
- PIN5 B
- PIN6 VCC
- PIN7 HC
- PIN8 A

03A电机曲线图 motor curve

