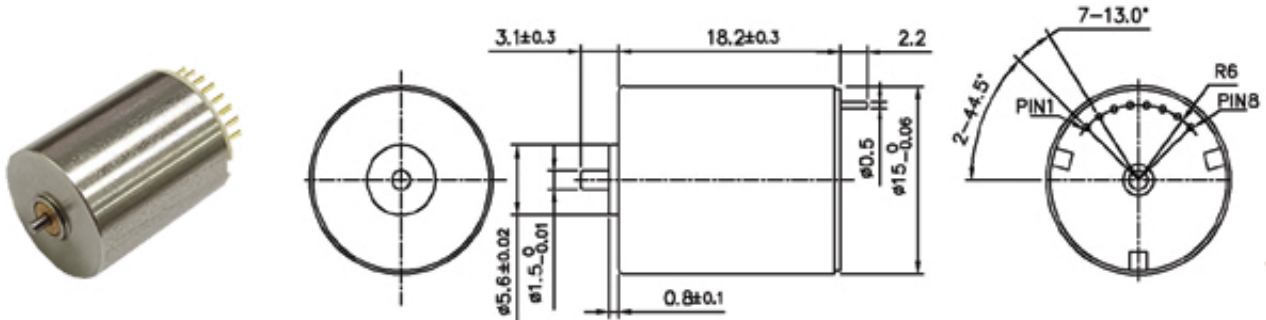




DONGHUI Motor

Coreless BLDC Motor

1518RB



典型应用Typical Applications:舵机、智能小机器人

电机参数 (Motor data)		01A					
额定电压下数值 (Values at nominal voltage)							
1 额定电压 (Nominal voltage)	V	12					
2 空载转速 (No load speed)	rpm	29740					
3 空载电流 (No load current)	mA	200					
4 额定转速 (Nominal speed)	rpm	27360					
5 额定转矩(最大连续转矩) (Nominal torque)	mNm	1					
6 额定电流(最大连续电流) (Nominal current)	A	0.46					
7 堵转转矩 (Stall torque)	mNm	12.3					
8 堵转电流 (Stall current)	A	3.40					
9 最大效率 (Max efficiency)	%	64					
电机常数 (Motor constant)							
10 相间电阻(Terminal resistance)	Ω	3.53					
11 转矩常数 (Torque constant)	mNm/A	3.78					
12 速度常数 (Speed constant)	rpm/V	2478					

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) 30000rpm
- 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) 16g

端子定义 (terminals):

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

01A电机曲线图 motor curve

