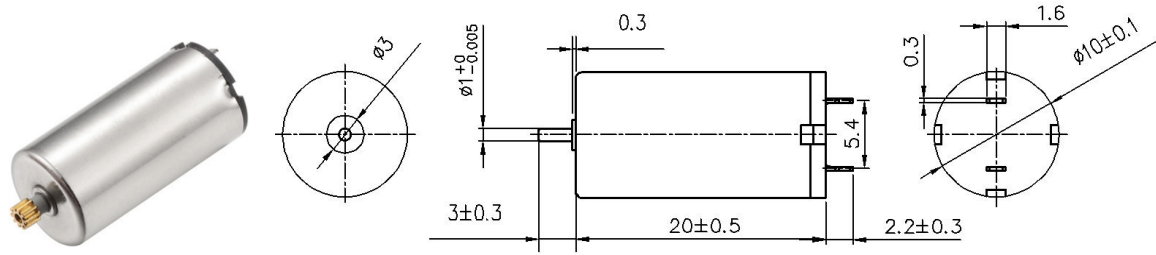


1020R Coreless Brush Motor



Typical Applications: RC servo. Door lock. Toy. Measuring device. Pump

电机参数 (Motor data)		01A	03A	04A			
额定电压下数值 (Values at nominal voltage)							
1 额定电压 (Nominal voltage)	V	7.4	7.4	7.4			
2 空载转速 (No load speed)	rpm	25000	30200	34900			
3 空载电流 (No load current)	mA	50	50	80			
4 额定转速 (Nominal speed)	rpm	23070	28190	32850			
5 额定转矩(最大连续转矩) (Nominal torque)	mNm	0.5	0.5	0.5			
6 额定电流(最大连续电流) (Nominal current)	A	0.22	0.26	0.33			
7 堵转转矩 (Stall torque)	mNm	6.46	7.5	8.5			
8 堵转电流 (Stall current)	A	2.33	3.26	4.3			
9 最大效率 (Max efficiency)	%	76	79	77			
电机常数 (Motor constant)							
10 相间电阻 (Terminal resistance)	Ω	3.17	2.27	1.72			
11 转矩常数 (Torque constant)	mNm/A	2.77	2.29	1.98			
12 速度常数 (Speed constant)	rpm/V	3378	4081	4716			

其他特性参数 Other characteristic parameters

13 环境温度范围 (Ambient temperature)	-10~40 $^{\circ}$ C
14 绕组最高允许温度 (Max permissible winding temperature)	80 $^{\circ}$ C
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 换向器片数 (Number of the commutator segments)	5
18 电机质量 (Weight)	6.76g

01A电机曲线图 motor curve

