

L0710N5M | 贵金属电刷 Precious Metal Commutation

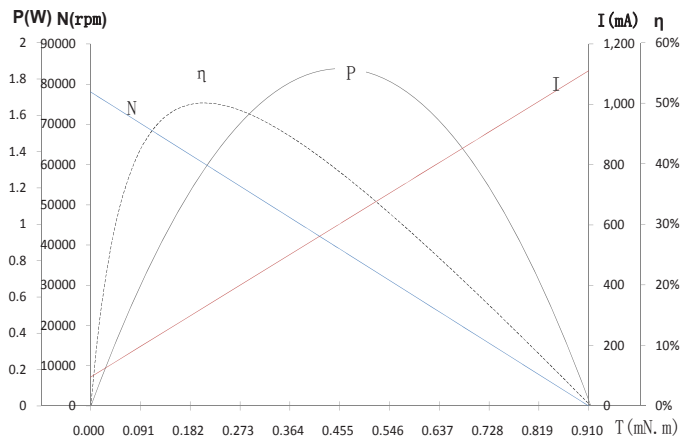
应用领域：微型无人机、智能电玩、小家电产品等领域。

Applications: mini UAV's, remote control hobby products, small household appliances, etc.

主要技术指标 | Characteristics

			61-780-8.0	51-325-3.0	08-618-5.0
1 电压	Voltage	V	8.0	3.0	5.0
2 端电阻	Terminal resistance	Ω	7.2	6.3	3.4
3 空载转速	No-load speed	rpm	78050	32500	61800
4 空载电流	No-load current	mA	95	50	80
5 堵转转矩	Stall torque	mNm	0.9	0.3	1.0
6 堵转电流	Stall current	mA	1110	480	1470
7 负载转矩	Load torque	mNm	0.55	0.12	0.12
8 负载转速	Load speed	rpm	30880	20890	54500
9 负载电流	Load current	mA	710	200	240
10 最大输出功率	Max. output power	W	1.9	0.29	1.65
11 最大效率	Max. efficiency	%	50.2	45.4	58.9
12 反电势常数	Back-EMF constant	mV/rpm	0.09	0.08	0.08
13 转矩常数	Torque constant	mNm/A	0.90	0.79	0.73
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	85769	96726	60827
15 转子惯量	Rotor inertia	gcm ²	0.02	0.02	0.02
16 重量	Weight	g	1.6	1.6	1.6
17 工作温度范围	Operating temperature range	°C	-20~+100	-20~+100	-20~+100

特性曲线 | Characteristics Curve

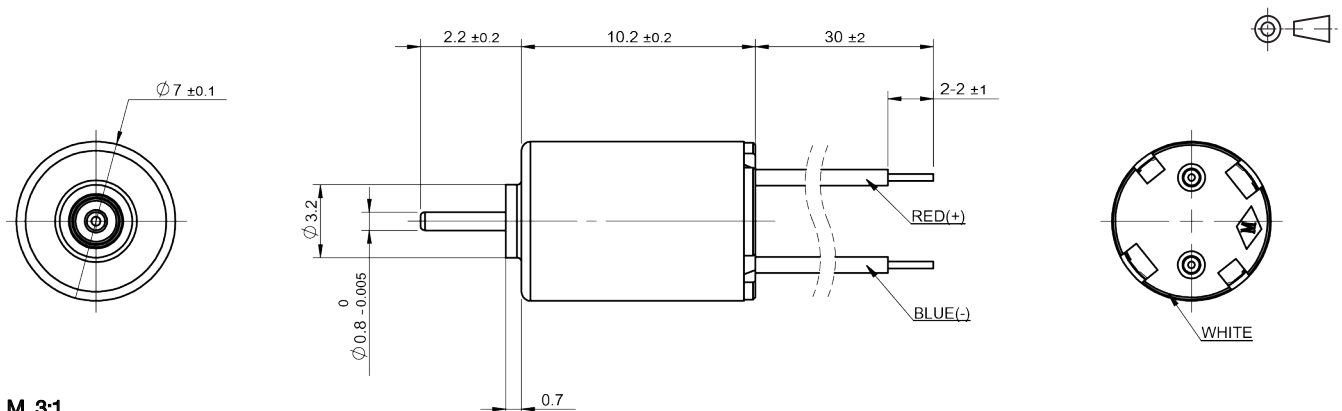


型号 / Model L0710N5M61-780-8.0

可选参数 | Options

导线长度 Lead wires length
轴长 Shaft length
性能 Special coils
齿轮箱 Gearheads

外观图 | Outline Drawing



规格如有变更，恕不另行通知
Specification subject to change without notice

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