

L0612N3M | 贵金属电刷 Precious Metal Commutation

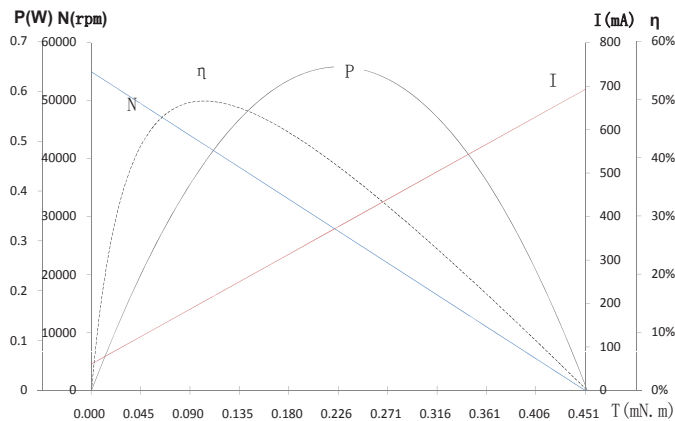
应用领域：微型无人机、智能电玩、小家电产品等领域。

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

主要技术指标 | Characteristics

			08-550-4.5	90-160-3.0	63-250-4.5
1 电压	Voltage	V	4.5	3.0	4.5
2 端电阻	Terminal resistance	Ω	6.50	39.00	23.30
3 空载转速	No-load speed	rpm	55000	16030	25000
4 空载电流	No-load current	mA	60	8	20
5 堵转转矩	Stall torque	mNm	0.45	0.11	0.27
6 堵转电流	Stall current	mA	692	77	193
7 负载转矩	Load torque	mNm	0.05	0.05	0.05
8 负载转速	Load speed	rpm	48900	8740	20320
9 负载电流	Load current	mA	130	40	50
10 最大输出功率	Max. output power	W	0.7	0.05	0.17
11 最大效率	Max. efficiency	%	49.8	45.8	46.1
12 反电势常数	Back-EMF constant	mV/rpm	0.07	0.17	0.16
13 转矩常数	Torque constant	mNm/A	0.71	1.60	1.54
14 转速 / 转矩斜率	Speed/torque gradient	rpm/mNm	121951	145727	93633
15 转子惯量	Rotor inertia	gcm ²	0.014	0.014	0.014
16 重量	Weight	g	1.3	1.3	1.3
17 工作温度范围	Operating temperature range	°C	-20~+80	-20~+65	-20~+65

特性曲线 | Characteristics Curve



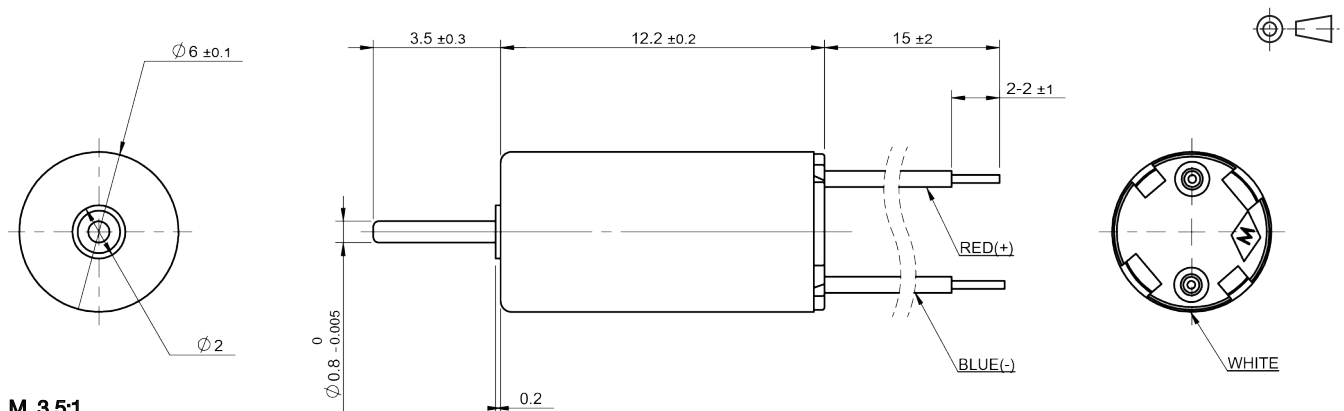
型号 / Model L0612N3M08-550-4.5

可选参数 | Options

导线长度
轴长
性能
齿轮箱

Lead wires length
Shaft length
Special coils
Gearheads

外观图 | Outline Drawing



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