Appea	arance requi		M3506 Specifications Standard	
NO.		Project	Requirement	Remarks
1	Moto	or diameter (mm)	Ф40±0.05mm	Factory
		()		Inspection Ite
2	Mot	tor length (mm)	17.8±0.2 (excluding encoder) mm	Factory
				Inspection Ite
3	Motor	slot/pole number	24N/22P	Factory Inspection Ite
1	Axial outer diameter (mm)		A12.0.000/0.012	
4 Axial ou		ner diameter (mm)	Ф12-0.008/-0.012 mm	Factory Inspection Ite
5	Inner diameter of shaft (mm)		8.6+0.05/0 mm	Factory
-	()		0.0 0.00.0	Inspection Ite
6	wire length (mm)		610±3 mm Without Plug	Factory
				Inspection Ite
7	The	color of the line	24# blastasilisassas 4i 1 = '	Factory
7	The color of the line		24# black silicone terminal wire	1
		• • • •		Inspection Ite
8	weight (g)		$64\pm0.2\mathrm{g}$	Factory
				Inspection Ite
9	plug		2.5 Spacing black DuPont head	Factory
				Inspection It
10	Axial	clearance (virtual	0	Factory
		position)		Inspection Ite
Perfor	mance Requi	rement		
NO.	Project		Requirement	Remarks
		voltage (V)	16V	KV box
		4 (4)	0.17+0.05 A	Factory
1	No-load	current (A)	0.17±0.05 A	Inspection It
		1 (DD) ()	2140 2275 P.D. (Factory
		speed (RPM)	2149~2375 RPM	Inspection It
				Factory
2		voltage (V)	12	Inspection It
_				Factory
	Load	current (A)	1	Inspection It
	_			Factory
		torsion ($G \bullet cm$)	600-1000	Inspection It
2	Numba	a of windings (T)	The temperature is 0.21*1.24T and the Weapprostion is used	Inspection it
3	Numbe	r of windings (T)	The temperature is 0.21*1-34T and the Y connection is used	
,	Wired internal resistance of		$5.6\Omega\pm5\%$ (The resistance will change with the ambient	Factory
4	finished product (m Ω)		temperature. If the resistance exceeds the standard range due to	Inspection It
			environmental changes, the standard should be signed again)	
5	high voltage test		DC500V 1mA 2 Seconds	Factory
		<u> </u>	2 COOO TIME 2 COOME	Inspection It
6	The rot	or housing jumps	≤0.1mm	Process
	The rotor housing jumps		_0.111111	sampling ite
7	Translati	on (shaft extension	Clackwice (unified test wining)	Factory
	view)		Clockwise (unified test wiring)	Inspection It
8	High temperature test		60°C Keep 100 hours, and the motor can work normally after 24	Process
8			oo e keep 100 hours, and the motor can work hormany after 24	1100033

	GM3506 Specifications Standard					
Appearance requirements						
9	Cold test	-20°C Keep for 100 hours, and the motor can work normally after	Process			
	Cold test	24 hours at room temperature	sampling items			
10	maximum power	≤25W				
11	Use voltage range	2-3S (calculated according to lithium battery 3.7-4.2V/S)	Constant power			
12			Normal			
	service environment	Temperature: -20~60°C, humidity: 10~90%RH	temperature and			
			humidity			