Appe	arance requir		5208-24 Specifications Standard	
NO.		Project	Requirement	Remarks
1	Motor diameter (mm)		Ф59.5±0.05mm	/
2	Motor length (mm)		31.2±0.2 mm(without encoder)	/
3	Motor slot/pole number		24N/22P	/
4	Axial outer diameter (mm)		Ф15-0.008/-0.012 mm	/
5	Inner diameter of shaft (mm)		Ф12.6±0.02 mm	/
6	wire length (mm)		610mm±3 mm Without Plug	/
7	The color of the line		24#black silicone wire	/
8	weight (g)		204±0.5g	/
9	plug		2.5 pitch connector	/
10	Axial clearance (virtual position)		0	/
Perfor	mance Requi	rement		
NO.		Project	Requirement	Remarks
	No-load	voltage (V)	20V	KV box
1		current (A)	0.09±0.1 A	/
		speed (RPM)	396~436 RPM	/
	Load	voltage (V)	20	/
2		current (A)	1	/
		torsion ($G \bullet cm$)	1800-2500	/
3	Number of windings (T)		Low-temperature 0.27*1-90T Y connection method	
4	Wired internal resistance of finished product $(m\Omega)$		13.7Ω±5%(The resistance will change with the ambient temperature. If the resistance exceeds the standard range due to environmental changes, the standard should be signed again)	/
5	high voltage test		DC500V 1mA 2 Seconds	/
6	The rot	or housing jumps	≤0.1mm	/
7	Translation (shaft extension view)		Clockwise (unified test wiring)	/
8	High temperature test		60°C Keep 100 hours, and the motor can work normally after 24 hours at room temperature	/
9	Cold test		-20°C Keep for 100 hours, and the motor can work normally after 24 hours at room temperature	/
10	maximum power		≤40W	
11	Use voltage range		2-3S (calculated according to lithium battery 3.7-4.2V/S)	Constant power
12		ce environment	Temperature: -20~60°C, humidity: 10~90%RH	Normal temperature as humidity