Appea	arance requi		4 Encoder Specifications Standard	
NO.		Project	Requirement	Remarks
1	Moto	or diameter (mm)	Ф35±0.05mm	Factory
		,		Inspection Ite
2	Mot	or length (mm)	25±0. 2 ( (with encoder) mm	Factory
				Inspection Ite
3	Motor	slot/pole number	12N/14P	Factory
				Inspection Ite
5	Axial outer diameter (mm)  Inner diameter of shaft (mm)		Ф8-0.008/-0.012 mm	Factory
				Inspection It
			6. 5+0. 05/0 mm	Factory
				Inspection It
6	wire length (mm)		60±3 mm Without Plug	Factory
				Inspection It
7	The color of the line		24# black silicone terminal wire	Factory
				Inspection It
8		weight (g)	51±0.2g	Factory
		weight (g)  plug  PH3P  Axial clearance (virtual position)  51±0. 2g  PH3P	Inspection It	
9	plug		РНЗР	Factory
				Inspection It
10	Axial	clearance (virtual	0	Factory
		position)		Inspection It
erfor	mance Requi	rement		
NO.		Project	Requirement	Remarks
	voltage (V)		10V	KV box
	No-load			Factory
1		current (A)	0.09±0.05 A	Inspection It
				Factory
		speed (RPM)	1602~1771 RPM	Inspection I
				Factory
2		voltage (V)	10	Inspection It
		Speed (RPM)		Factory
	Load		Inspection It	
		torsion $(G \bullet cm)$	250-350	Factory
				Inspection It
3	Numbe	r of windings (T)	Low-temperature 0.19*1-100T Y connection method	1
			$9\Omega\pm5\%$ (The resistance will change with the ambient temperature.	
4	Wired internal resistance of finished product $(m\Omega)$		,	Factory
7				Inspection I
5				Factory
5	hig	h voltage test	DC500V 1mA 2 Seconds	Inspection I
6	Wired internal resistance of finished product (m $\Omega$ )  If the resistance exceeds the standard range due to environmental changes, the standard should be signed again)	Process		
		or housing jumps	≤0.1mm	sampling it
7	Translation (shaft extension view)		Clockwise (unified test wiring)	Factory
				Inspection It
8	,		60°C Keep 100 hours, and the motor can work normally after 24	Process
-	High temperature test		, ,	sampling its

	GM2804 Encoder Specifications Standard						
Appea	arance requirements						
9	Cold test	-20°C Keep for 100 hours, and the motor can work normally after	Process				
	Cold lest	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		Temperature: -20~60°C, humidity: 10~90%RH	Normal				
	service environment		temperature and				
			humidity				