

Micro DC motor Specification

date:2014-3-27

: _____ : FB-612

Shipper number _____ QTY: _____ PCS

checking: WANG JING

1.The basic test conditions

1-1 Standard operating voltage (V)	DC motor terminal voltage (constant voltage):1.3V
1-2 The direction of rotation of the motor	CCW&CW

2.Measurement state and measurement equipment

2-1 Place the motor	Will maintain the level of motor axial
2-2 power supply	Variable voltage and current supply
2-3 Ambient temperature and humidity	Temperature between 0 °C ~ 30 °C, relative humidity of 30 % to 95%
2-4 Insulation Resistance	250V10MΩ

3.Motor performance (Start running 60 seconds from the start state)

3-1 Load Current	<u>40mA max</u>
3-2 No-load speed	<u>15000±20% r/min</u>
3-3 vibrator :	<u>R2.5*3*0.8</u>
3-4 Load current	<u>90mA</u>
3-5 Load speed	<u>8500±15% r/min</u>
3-6 Start Voltage	<u>0.8V</u>
3-7 Stall current	<u>80mA max</u>
3-8 Stall Torque	<u>0.8g.cm min</u>

4.Motor life

Motor 150 hours of continuous operation at rated working voltage state , after the experiment rated speed variation is not more than 10 % of the initial value, the current increase is not more than 30% of the initial value , the motor no obvious anomalies .

5.mechanical behavior:

5-1 Axial virtual spaces	<u>0.05~0.5mm</u>
5-2 Transducer height	<u>4.0±0.3mm</u>

6.other:

