

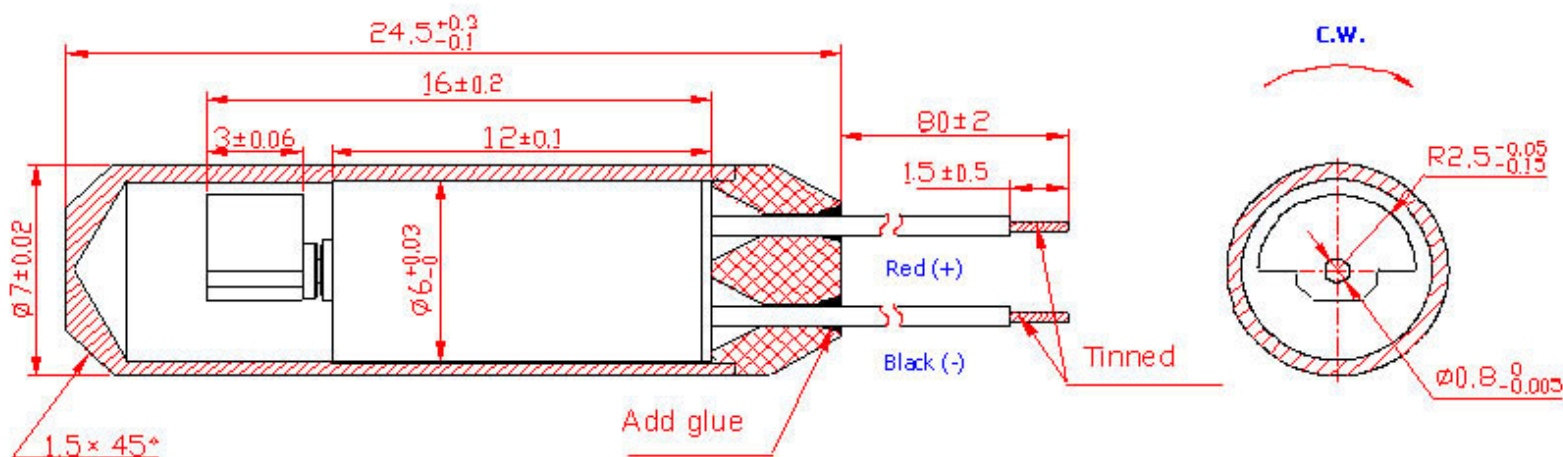


JinLong Machinery
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KOTL

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Part No. Z6DL2H0125215 (Old Part Number : 6DL-1221H13.5)



1. General scope

1-1 The specifications apply to the coreless cylindrical permanent magnetic micro vibration motor DC model **Z6DL2H0125215**.

2. Operating conditions

Items	Specifications	Condition & Remarks
2-1 Rated voltage	1.5V DC	
2-2 Rated load	Counterweight	As specified in the outline drawing.
2-3 Direction of Rotation	C.W. (clockwise)	
2-4 Motor position	All positions	
2-5 Operating voltage	0.9 ~ 1.8V DC	
2-6 Operating conditions	-30 ~ 70°C, ordinary humidity	No condensation of moisture.
2-7 Storage conditions	-40 ~ 80°C, ordinary humidity	No condensation of moisture.

3. Measuring conditions

Items	Specifications	Condition & Remarks
3-1	Temperature	20±2°C
3-2	Humidity	(63 ~ 67%) RH
3-3	Motor position	Shaft horizontal Lock the motor in a test fixture.

All data are based on the measuring conditions: Temperature, 20°C and Humidity, 65% RH.

However, the ranges of temperature 5~35°C and humidity 45~85 %RH are to be applicable as long as no problems.

4. Mechanical specifications

Items	Specifications	Condition & Remarks
4-1	Configuration	As specified in outline drawing Outline drawing No: Z6DL2H0125215 .
4-2	Appearance	There shall be no evidence of mechanical damage and shall not have inadequate corrosion, etc. Visual examination: Inspection carried out on samples.

5. Performance and characteristics

Items	Specifications	Condition & Remarks
5-1	Rated speed	10,200±2000rpm At rated voltage and rated load (vibration weight).
5-2	Rated current	80mA max
5-3	Stall current	140mA max At rated voltage.
5-4	Starting voltage	1.0V DC max At rated load (vibration weight) any position of rotor.
5-5	Insulation resistance	1M• min At DC 100V between the lead wires and motor body.
5-6	Terminal resistance	13.5• ±20% At 20°C.

6. Caution and Matters

6-1 Please lay it carefully in transportation to avoid any damage to the unit because of collision.

6-2 Please do not leave it in the environment of high temperature, high humidity or corrosive gas, in case it would cause rust and corrosion to the unit.

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