

Mini Vibration Motor

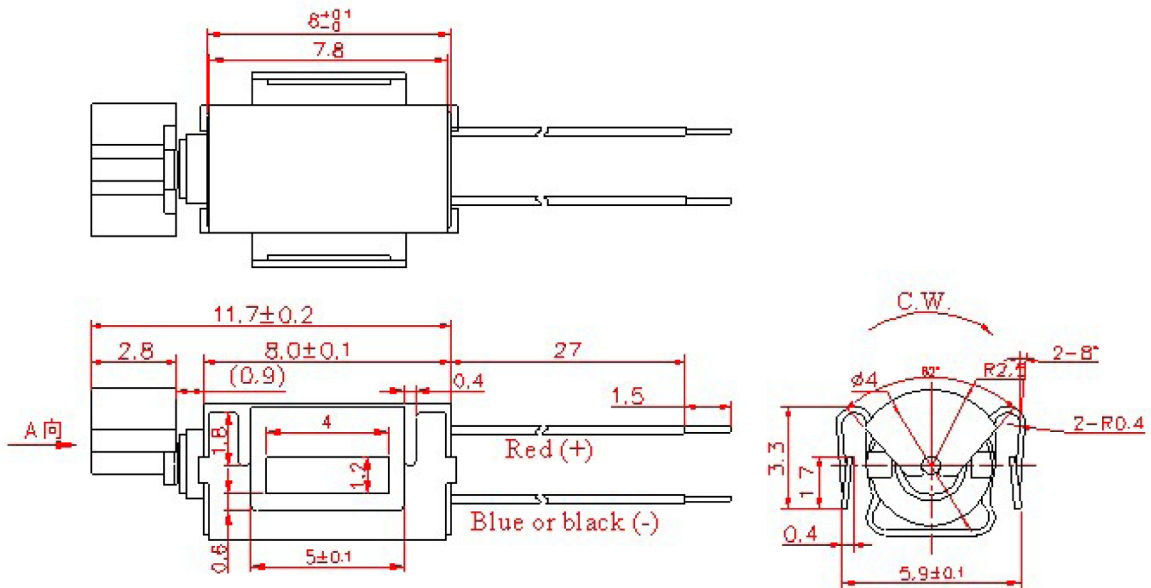


Operating conditions

Items	Specifications	Condition & Remarks
Rated voltage	3.0V DC	
Rated load	Counter weight	As specified in the outline drawing.
Rotation	C.W. (clockwise)	
Motor position	All positions	
Operating voltage	2.2~3.6V DC	
Operating conditions	-30 ~ 70°C ordinary humidity	No condensation of moisture.
Storage conditions	-40 ~ 80°C, ordinary humidity	No condensation of moisture.

Mechanical specifications

Items	Specifications	Condition & Remarks
Configuration	As specified in outline drawing	
Appearance	There shall be no evidence of mechanical damage and shall not have inadequate corrosion, etc.	Visual examination: Inspection carried out on samples.
Shaft end play	0.05 mm ~ 0.2 mm Max	
Mass	1.23g approx.	
Holding strength of vibration weight	49N (5kgf)	



Performance and characteristics

Items	Specifications	Condition & Remarks
Rated speed	12,000 @ 2,500 rpm	At rated voltage and rated load (vibration weight).
Rated current	90mA max	
Stall current	120mA max	At rated voltage.
Starting voltage	2.0V DC max	At rated load (vibration weight) any position of rotor.
Insulation resistance	1MΩ min	At DC 100V between the lead wires and motor body.
Terminal resistance	2Ω approx.	At 20c
Mechanical noise	50db (A) max	
Measured at rated voltage and rated load (vibration weight). Background noise: 28db (A) max. @ 10cm. Measuring instruments: B & K. The weight of jig: 700g.		