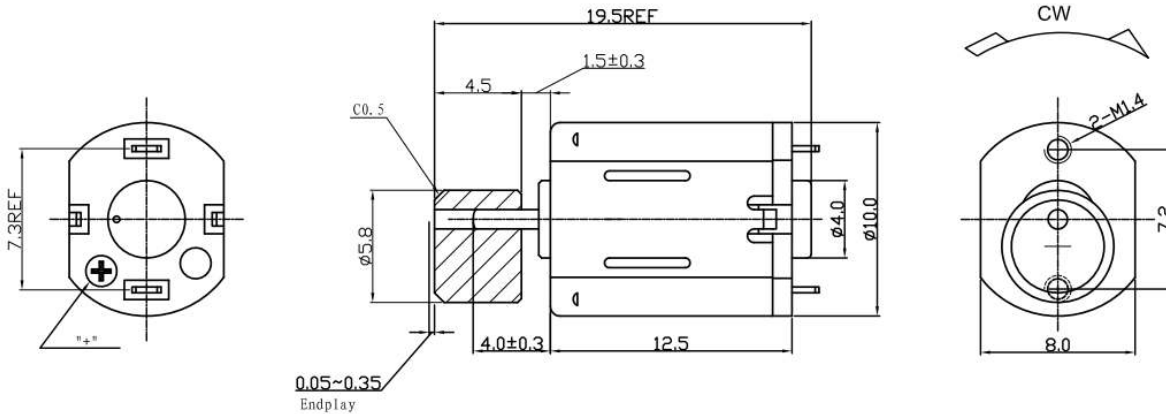


Datenblatt Vibrationsmotor



1.STANDARD OPERATING CONDITIONS:

- 1.1 Operating Voltage: DC 2.0~4.0V
- 1.2 Operating Temperature: -10~+60° C
- 1.3 Operating Humidity: 5~95%RH
- 1.4 Direction of Rotation:
Clockwise when viewing motor output side with positive voltage applied to positive(red)terminal.

2.MEASURING CONDITIONS:

- 2.1 Voltage: DC 3.0V
- 2.2 Enviromental temperature: 5° C~35° C
- 2.3 Enviromental humidity: 40%~85%RH
- 2.4 Motor Position: Motor to be held with shaft horizontally.

3.ELECTRICAL CHARACTERISTICS:

(At initial stage after 30 seconds run-in)

- 3.1 Rated
 - 3.1.1 Rated Voltage:DC 3.0V
 - 3.1.2 Rated Load: Dia x L: 5.8×4.5mm Copper Counterweight
- 3.2 On Load
 - 3.2.1 Rated Current: ≤450mA
 - 3.2.2 Rated Speed: 13200±10%rpm
- 3.3 Start
 - Start Voltage:≤0.8V
- 3.4 Stall
 - Stall Current:≤850mA Insulation Resistance ≥1MΩ with DC100V

4.MECHANICAL CHARACTERISTICS:

- 4.1 End Play: 0.05~0.35mm
- 4.2 Shaft radial runout:less than 0.02mm, 3.00mm away from the end
- 4.3 Weight:~4.5g
- 4.4 Noise: ≤50dB (Distance:10cm,Background noise≤26dB)
- 4.5 Radial thrust ≤3kgf
- 4.6 Perpendicularity 90±1°
- 4.7 Dimension drawing:See<OUTLINE>

5.LIFETIME TEST:

After operating continuously for 60 hours on the condition of rated load, rated voltage, RPM :within ± 30% of initial value, Current :within ± 30% of initial value and the motor with no obvious anomaly.