

A FEATURES

- Low profile (2.0mm~)
- Low cost compares with other types of vibration motors
- Low power consumption
- Flexible installation methods to meet multiple structural design
- DC drive method for ease of use



B GENERAL INFORMATION

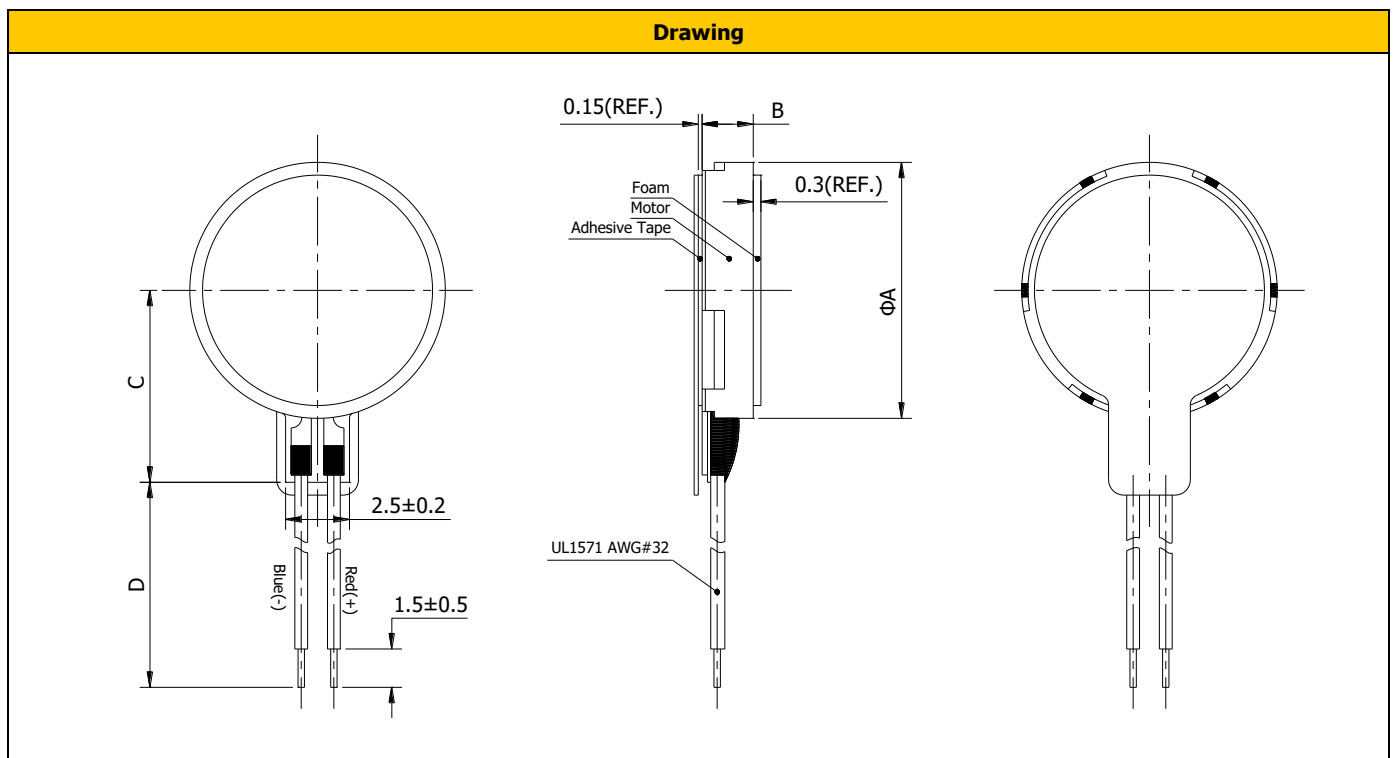
Item	Performance Characteristics				
Operating Temperature	-20°C ~ +60°C				
Storage Temperature	-30°C ~ +75°C				
Rotating direction	CW or CCW from the direction of the counterweight				
Motor position	All directions				
Mechanical noise	50dB(A) Max from 10cm (Background noise: 28dB(A) max.)				
Voltage Range	Body Size	0820	0827	1020	1027
	Voltage Range (DC)	2.3V~3.3V	2.3V~3.3V	2.3V~3.3V	2.3V~3.3V
Starting time	Body Size	0820	0827	1020	1027
	Starting time (0%~50%)	90ms	90ms	90ms	90ms
Insulation Resistance	Body Size	0820	0827	1020	1027
	Min Resistance(100V)	10MΩ	10MΩ	10MΩ	10MΩ
Low temperature storage	Exposed at -30°C for 72HRS → leaving 2HRS at Normal temp and humidity → measure.				
High temperature storage	Exposed at +75°C for 72HRS → leaving 2HRS at Normal temp and humidity → measure.				
High humidity storage	Exposed at +60°C ,90%RH for 72HRS → leaving 2HRS at Normal temp and humidity → measure.				
Thermal shock	Exposed at -30°C for 1HR, +75°C 1HRS(1CYCLE), cutover time 4 to 10SECS →5CYCLES leaving 2HRS at normal temp.→ measure.				
Drop test	6 Free falls (6 faces × 1times) from 1.5m height to floor after setting in dummy cellular → measure (jig 100g)				
Loading Life	2.3V, at normal temperature and humidity, 2SEC.ON, 1SEC OFF 1 cycle, 50,400 cycles.				
Judgment standard	Measured data after test must satisfy the following conditions:				
	Starting voltage: must satisfy electrical characteristics.				
	RPM: Changing rate must be within±30% of initial data.				
	Starting current: must satisfy electrical characteristics.				
	Terminal resistance: must satisfy electrical characteristics.				
	Visual Check: There must be no external transformation, Crack, Part secession when inspected be naked eyes.				

C PART NUMBER SYSTEM

ACC - 0820 A
 ① ② ③

①	Series	② Dimension Code (mm)		
ACC	Series Code	0820 – Φ8*2.0	0827–Φ8*2.7	1020–Φ10*2.0
		1027–Φ10*2.7		
③	Design Code			

D DRAWINGS AND DIMENSIONS



Case Code	Dimensions (mm)			
	A	B	C	D ¹
0820	8±0.2	2.0±0.2	6.0±0.2	20±2.0
0827	8±0.2	2.7±0.2	6.0±0.2	20±2.0
1020	10±0.2	2.0±0.2	7.5±0.2	20±2.0
1027	10±0.2	2.7±0.2	7.5±0.2	20±2.0

Remarks:
 1. Wire length dimension could be customized upon customer's request.

E SPECIFICATIONS

Part Number	Rotation Speed	Standard Voltage	Starting Voltage	Rated Voltage	Operating Current	Wiring Resistance ¹	ΦD	H
/	RPM(Min)	V	V	V	mA(Max)	Ω	mm	mm
ACC-0820A	9000	3.0	2.3	3.3	80	30±20%	8.0	2.0
ACC-0827A	9000	3.0	2.3	3.3	80	30±20%	8.0	2.7
ACC-1020A	9000	3.0	2.3	3.3	80	30±20%	10.0	2.0
ACC-1027A	9000	3.0	2.3	3.3	80	30±20%	10.0	2.7

1. Wiring resistance: Tested at 2/3 between poles.

2. Testing voltage: Standard voltage.

3. Motor position: Shaft vertical.

4. Power Supply: Regulated D.C. power supply.

5. Testing Temp/Humidity: 5°C~35°C · 30%~90%.

6. Specifications subject to change without notice please check our website for latest information.