Vibration Motor

Overview

Coin Motor

Coin Motors produce vibrations, often as a soundless alert signal, with a general applications towards wireless communication devices, such as mobile devices.

Linear Motor

Linear Motors are optimized components for “Haptic” functions with a general application towards mobile devices and automobiles.

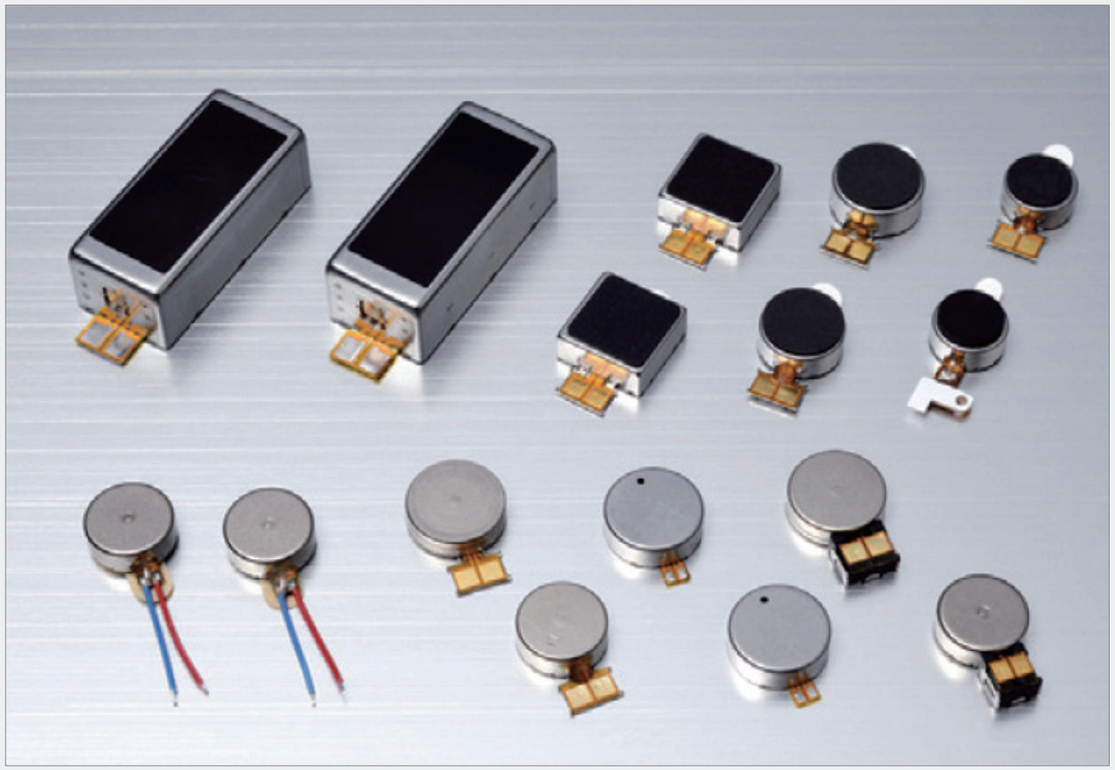
Features

Coin Motor

- Ultra-thin
- Low-noise
- High-vibration
- High-efficiency
- Customizable to your specifications

Linear Motor

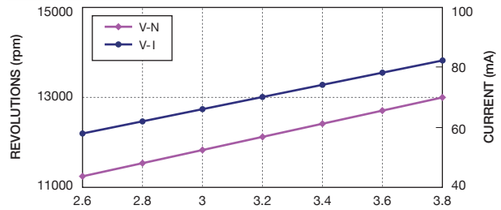
- Fast response
- Semi-permanent life cycle
- Various vibration pattern
- Ideal application in “Touch” or “Haptic” functions



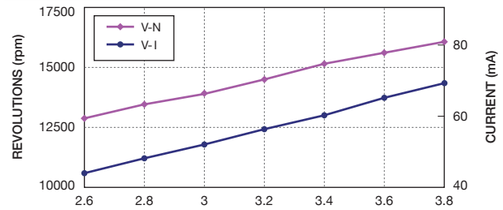
Motor Characteristics

Coin Motor

Ø9×t3.4

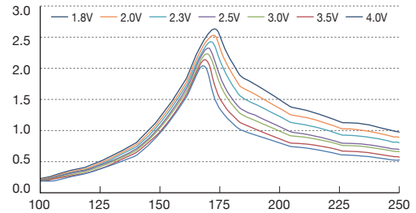


Ø10×t3.0

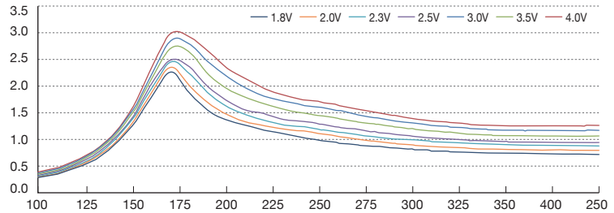


Linear Motor

Ø10×t4.0



□10×10×t4.0



Specifications

Coin Motor (DC)

Model	P/N	Rated Voltage [V]	Rated Current [mA]	RPM	Starting Voltage	Starting Current	Rotating Direction	Weight (gram)	Dimension (mm) Diameter	Dimension (mm) Thickness
Ø9×t3.4	JHV-09A1	3.0	mAx. 90mA	12000±3000	2.2V or less	150mA or less	CW, CCW	0.9	9	3.4
Ø10×t3.0	JHV-10A3	3.0	mAx. 80mA	12000±3000	2.2V or less	150mA or less	CW, CCW	1.0	10	3.0

Linear Motor (AC)

Model	P/N	Rated Voltage [V]	Rated Current [mA]	Vibration Power (G)	Resonant Frequency	Rising Time (50%) [ms]	Falling Time (50%) [ms]	Dimension (mm) Diameter	Dimension (mm) Thickness
Ø6×t4.0	JHV-06L1	1.8	mAx. 70mA	0.4 ~ 0.9	210Hz	15	50 (10%)	6	4.05
Ø8×t3.2	JHV-08L5	1.8	mAx. 70mA	1.4±0.4	205Hz	50	50	8	3.25
Ø8×t3.2	JHV-08L2	1.8	mAx. 80mA	1.4±0.4	235Hz	50	50	8	3.25
Ø9×t3.4	JHV-09L5	2	mAx. 90mA	1.4±0.4	205Hz	50	50	9	3.45
Ø10×t4.0	JHV-10L5	2.5	mAx. 170mA	150Hz : Min 0.9 200Hz : Min 1.0 Sweep : 1.7~2.7	170Hz	10	25	10	4.05
□10×10×t4.0	JHV-10R1	2.5	mAx. 350mA	140Hz : Min 0.9 300Hz : Min 0.9 Sweep : 1.8~3.2	170Hz	10	35 (10%)	10	4.05
W12×27×t9.2	JHV-12H1	2.62	mAx. 220mA	5.5±1.5	130Hz	15	15	12 x 2.7	9.2
W12×27×t7.0	JHV-12H2	2.62	mAx. 220mA	4.5±1.5	140Hz	20	20	12 x 2.7	7