CLF-16WX02

2023/07/20

Outline

The LVC (Linear Vibration Components) series achieves wideband and clear vibrations by suppressing higher-order resonances through its unique spring and damping structures. It also applies the principle of voice coil (VCM) and can produce sound by directly vibrating surfaces such as panels. This allows for the addition of speaker functionality while minimizing the impact on the design by mounting it on the back of the housing.

[Application Examples]
Controllers for gaming consoles, Massage devices

Specifications

Type	LVC
Outline dimensions	Φ16.0mm×H29.0mm
Rated resonant frequency [Hz]	75
Rated acceleration [Gpp]	1.4Gpp(200g)
Rated input voltage [Vrms]	2.2
Rated current at 300Hz [mArms]	120 TYP
Power consumption at 300Hz [mW]	250 TYP
Terminal resistance [Ω]	20.0
Rise time [msec]	≦80(0Gto0.7G)
Fall time [msec]	≦100(MAX Gto0.2G)

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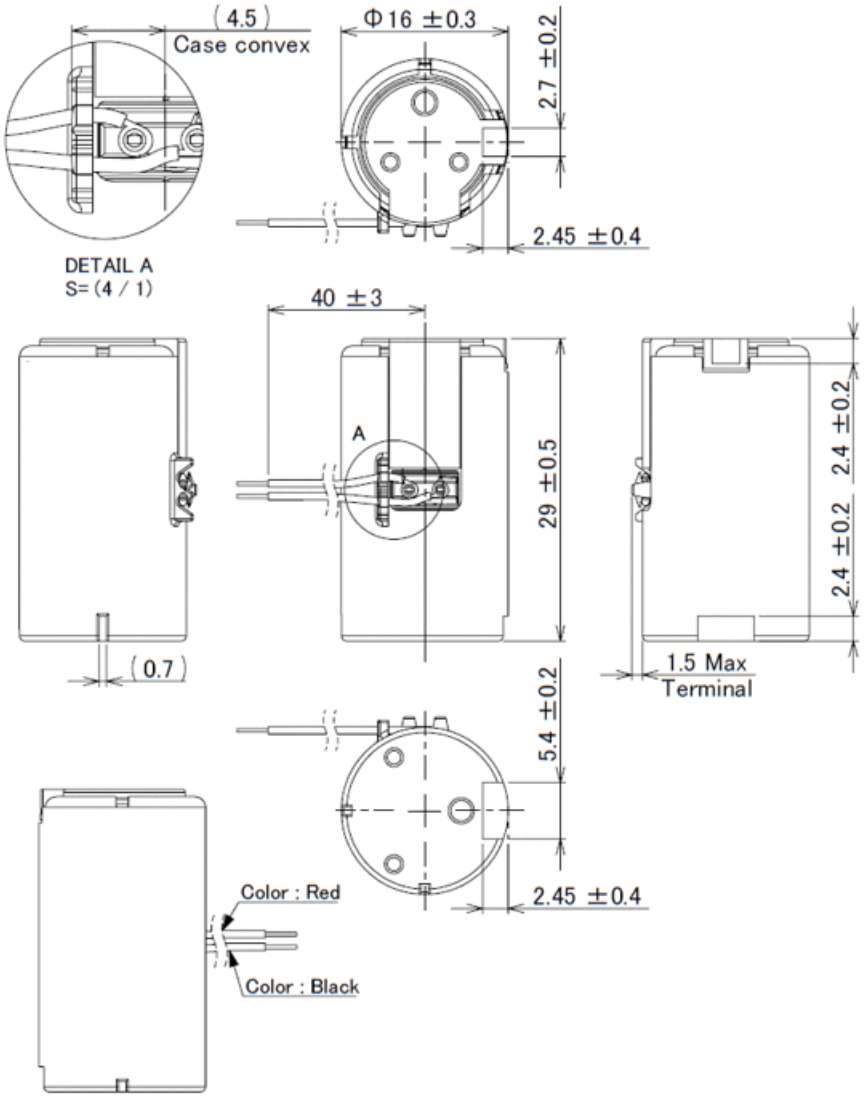
Dimensions



Electric Characteristics

Electrical Characteristics									
Measuring method	Input voltage : 2.2Vrms			Input waveform : Sine wave			Jig weight : 200g		
Item	Resonant Frequency [f0]	Acceleration at 75Hz	Current		Power consumption		Rise time 0G to 0.7G	Fall time MAX G to 0.2G	
			at f0	at 300Hz	at f0	at 300Hz			

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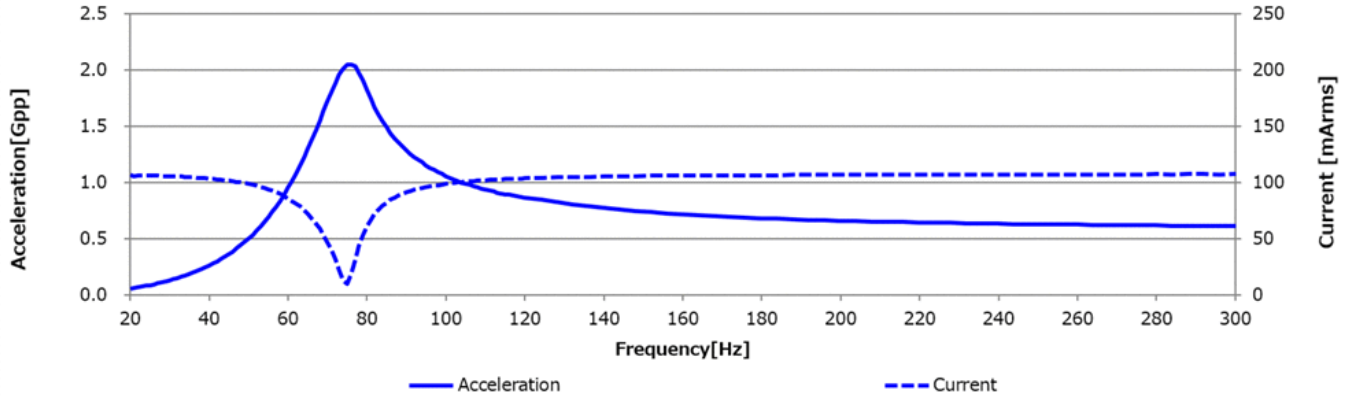
Specification	75 ± 8	1.4 MIN	-	120 TYP	-	250 TYP	80 MAX	100 MAX
Unit	Hz	Gpp	mArms	mArms	mW	mW	m sec	m sec
Typical value	76	2.04	19.3	107.2	22.5	230.7	17.1	32.8



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/ Any and all data and values given in this document are typical value, not guaranteed values.

・仕様は性能改善のため予告なく変更されることがあります。
/ Specifications are subject to be changed without notice for improvement purposes.