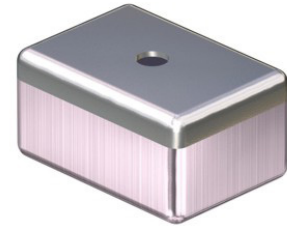


Description

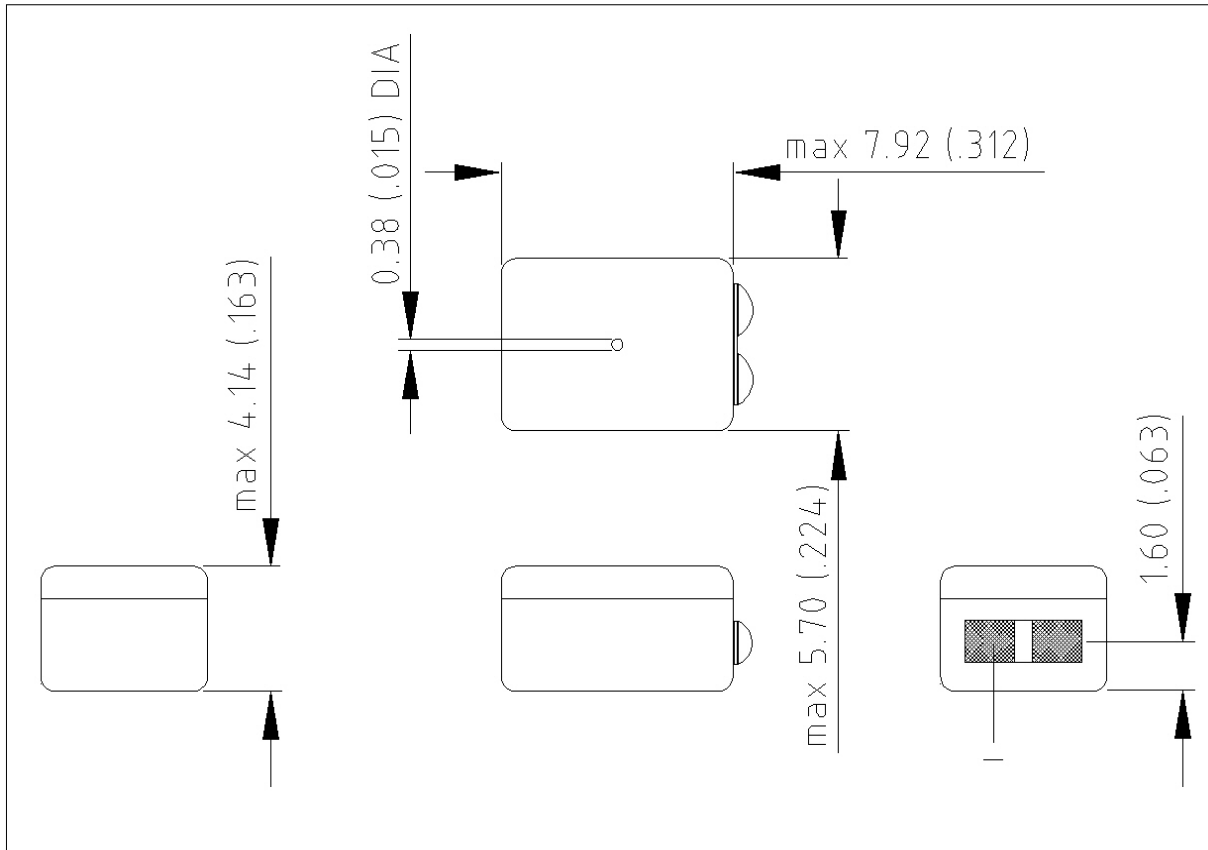
Miniature magnetic vibration transducer



Mechanical data

Weight	0.65 gr.
Case material	Ni80Fe20
Solder pad material	Sn96.5Ag3.0Cu0.5
Dimensions	Refer to outline drawing

Product drawing - Dimensions in mm [inch]



Sonion reserves the right to make changes at any time to improve reliability, function or design, in order to provide the best product possible. Receivers series of this type can produce very high sound pressure levels. When such receivers are applied in hearing instruments or other communications equipment special attention should be paid to this capacity in order to prevent possible hearing damage.

Specifications

Measured with load (10 kW resistor) to improve noise level and frequency response.
 Enviromental conditions: 23°C (73.4F), 50% RH.

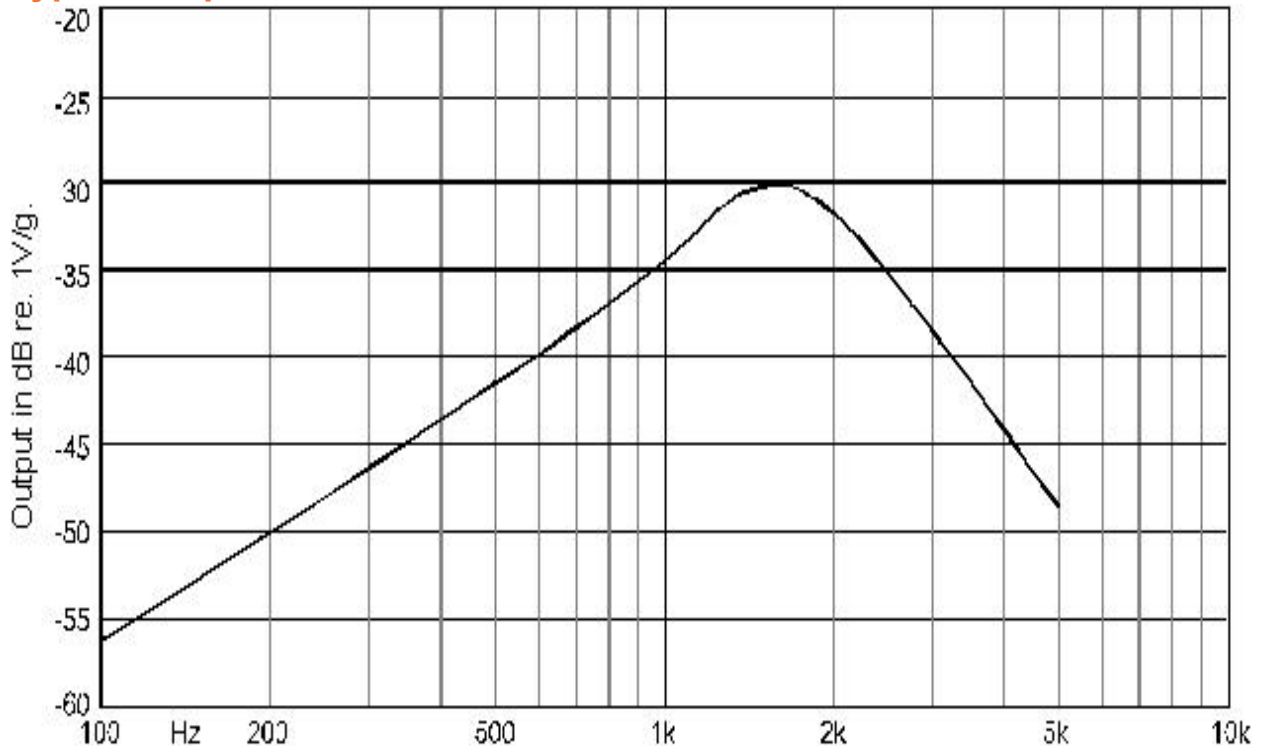
Acoustic parameters		Min	Typ	Max	Unit	Comments
Sensitivity	@ 1000 Hz	-37	-34	-31	dB	
Maximum output @ peak frequency			-30		dB	

Electric parameters		Min	Typ	Max	Unit	Comments
Impedance @ 1000 Hz		5200	6500	7800	Ohm	
DC resistance @ 20°C		876	1030	1184	Ohm	

Additional parameters		Min	Typ	Max	Unit	Comments
Shock resistance		4500			g	90% survival rate with THD @ 1/2 peak frequency < 10%
Storage temperature range		-40		63	°C	

A positive voltage applied to the negative terminal (-) will result in an increase in pressure at the sound outlet.

Typical response curve



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