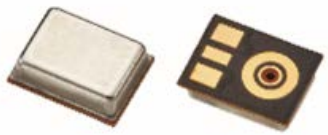
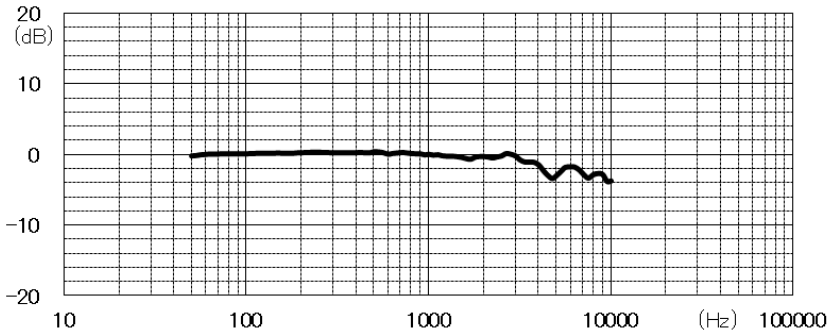
Feb-2022

Under development

Analog MEMS Microphone – Part number : KRM5500

Analog output	Reverse sound hole type(KRM5500)
Appearance **Size:3.35x2.5xt0.96mm**	
Sensitivity	-35.5±1 dB
Frequency response (Typ.)	
Signal to noise ratio(A)	68.5 dB Typ.
Total harmonic distortion (at 1kHz)	2% Typ./110dBSPL 10% Max./115dBSPL
Standard power supply	0.9 V
Current consumption	39μA Max.
Output Impedance	5.7kΩ Max.

Low Vdd operating
Low current
High SNR
Flat high frequency
RF enhanced

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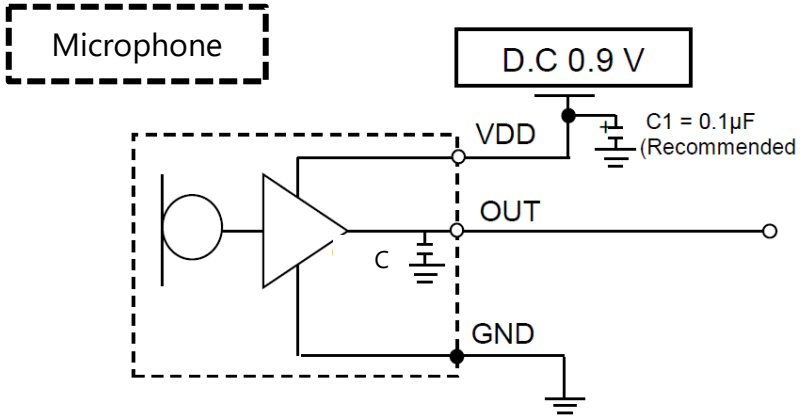
Analog MEMS Microphone – Part number : KRM5500

Under development

Analog output	Reverse sound hole type(KRM5500)
Operating voltage	0.9～3.3 V
Operating temperature	-30℃ ～ +70℃
Storage temperature	-40℃ ～ +85℃
Test circuit	
Mechanical dimensions	Refer to Page 3
Packaging	Tape and Reel(5kpcs/ 1reel)

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Analog MEMS Microphone – Part number : KRM5500

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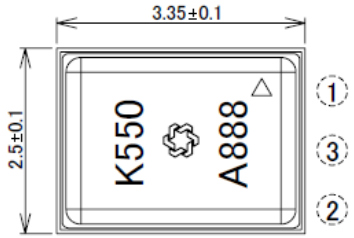
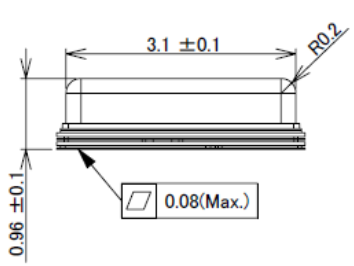
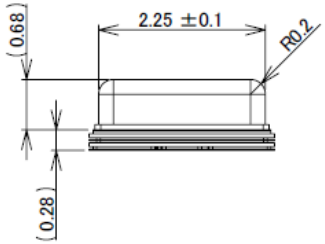
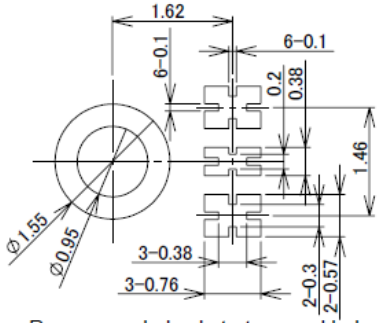


①	出力/Output
②	電源/Power
③	アース/Ground

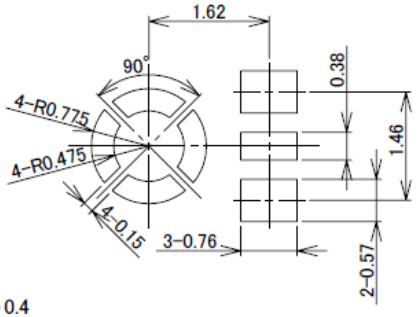




customer PCB pattern layout

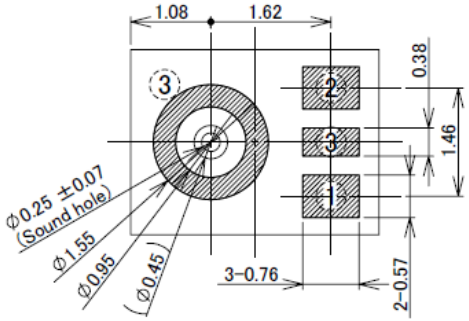


Recommended solder stencil pattern layout

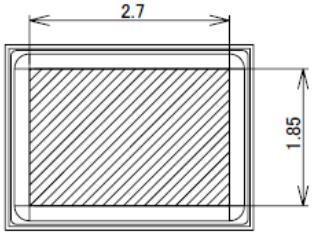


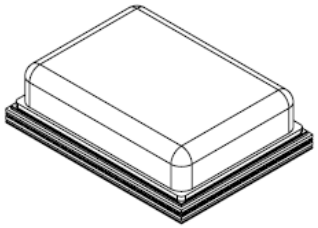
Recommended substrate sound hole / ϕ0.4

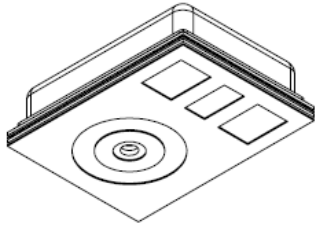
1.Vacuum & Mount force : 10N(Maximum)
2.Outer dismeter of vacuum nozzle is within allowance of hatching area.
3.Unless otherwise specified dimensions are in millimeters tolerance on decimals ± 0.15 .



Vacuum pick up area







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