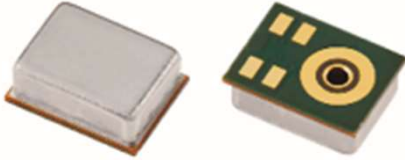
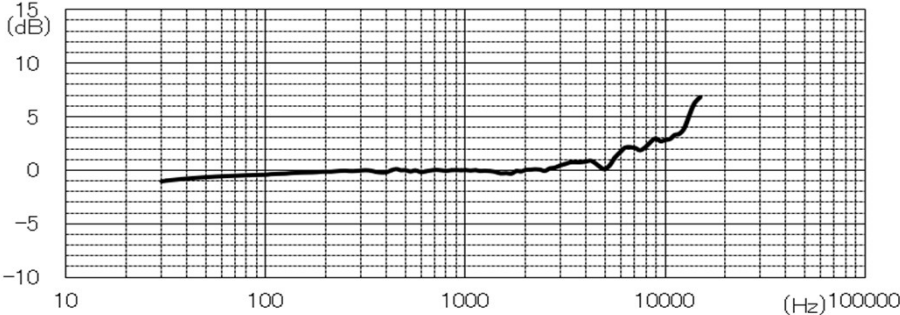


Analog MEMS Microphone – Part number : KRM5400

Preliminary

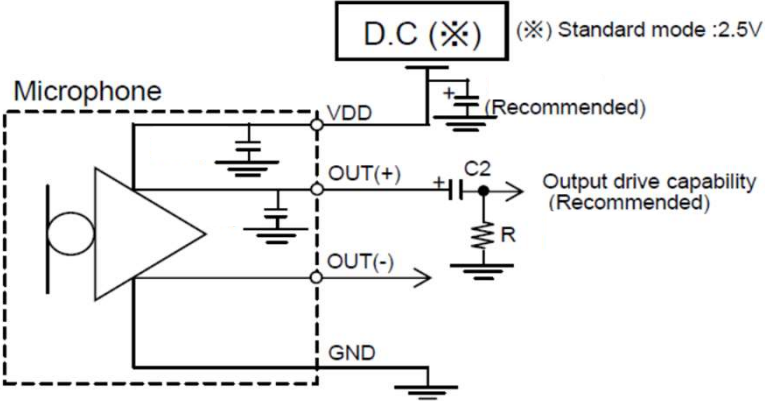
Sep-2020

Analog output	Reverse sound hole type(KRM5400)
Appearance Size:4x3xt1.5mm	 <div data-bbox="1458 296 1980 517" style="border: 1px solid black; padding: 5px; background-color: #ffffcc; display: inline-block;"> Flat low frequency High SNR Low THD Sens. +/-1dB RF Enhanced </div>
Sensitivity	-38±1 dB
Frequency response (Typ.)	
Signal to noise ratio(A)	74 dB Typ.
Total harmonic distortion (at 1kHz)	1% Typ./125dB SPL 5% Max./130dB SPL
Standard power supply	2.5 V
Current consumption	0.25mA Max.
Output Impedance	500Ω Max.

Analog MEMS Microphone – Part number : KRM5400

Preliminary

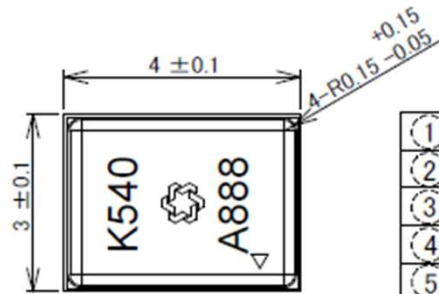
Sep-2020

Analog output	Reverse sound hole type(KRM5400)
Operating voltage	2.4~3.0 V
Operating temperature	-40°C ~ +85°C
Storage temperature	-40°C ~ +100°C
Test circuit	
Mechanical dimensions	Refer to Page 3
Packaging	Tape and Reel(4kpcs/1 reel)

Analog MEMS Microphone – Part number : KRM5400

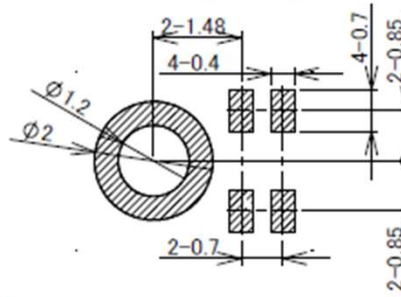
Preliminary

Sep-2020

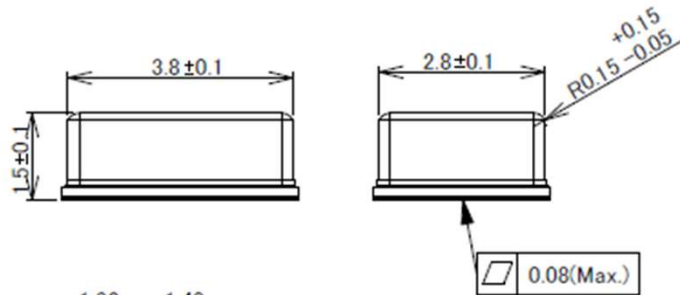
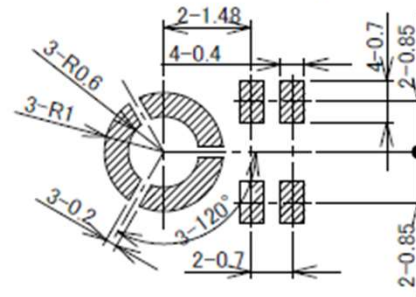


①	Output(+)
②	Power
③	Output(-)
④	Ground
⑤	Ground

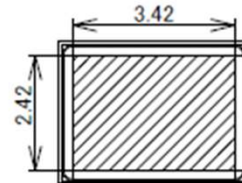
<Customer PCB pad layout>



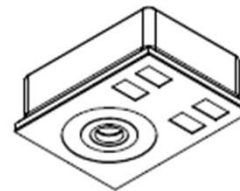
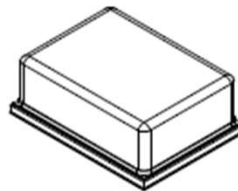
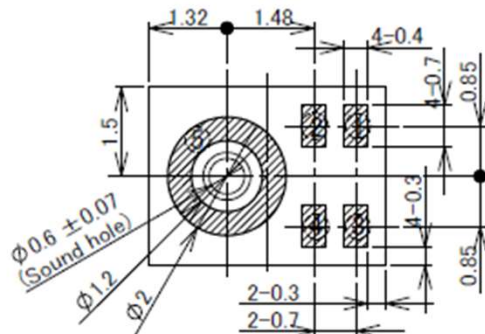
<Recommended solder stencil pattern layout>



<Vacuum pick up area>



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



Preliminary