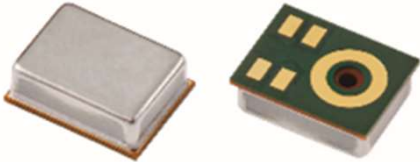
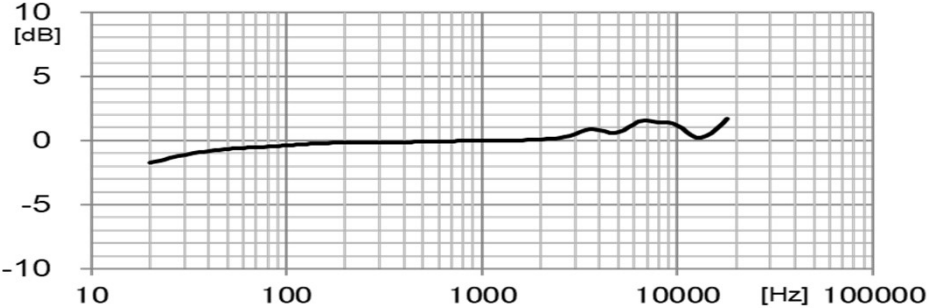


Digital MEMS Microphone – Part number : KRM5403

Preliminary

Digital output(PDM)	Reverse sound hole type(KRM5403)
<p>Appearance Size:4x3xt1.5mm</p>	 <div style="border: 1px solid black; background-color: yellow; padding: 5px; display: inline-block; margin-left: 20px;"> <p>Flat low frequency High SNR Low THD Sens. +/-1dB</p> </div>
Standard mode	
Sensitivity	-36±1 dBFS
Frequency response (Typ.)	
Signal to noise ratio(A)	72 dB Typ.
Total harmonic distortion (at 1kHz)	2% Typ./124dB SPL 10% Max./129dB SPL
Standard power supply	1.8 V
Current consumption	1.2 mA Max.
Standard Clock frequency	3.072 MHz

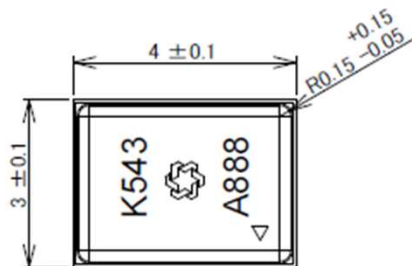
Digital MEMS Microphone – Part number : KRM5403

Preliminary

Digital output(PDM)	Reverse sound hole type(KRM5403)
Operating voltage	1.62 ~ 3.6 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)

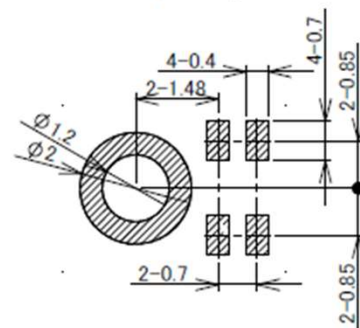
Digital MEMS Microphone – Part number : KRM5403

Preliminary

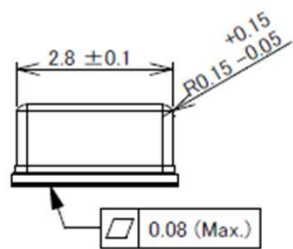
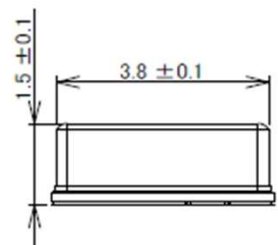
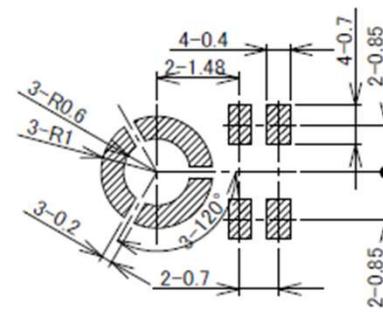


①	Output
②	Power
③	Clock
④	Select
⑤	Ground

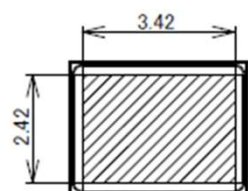
<Customer PCB pad layout>



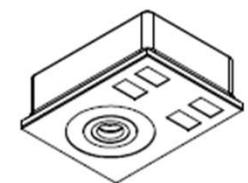
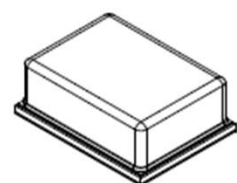
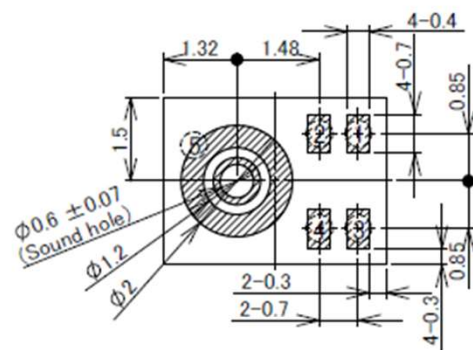
<Recommended solder stencil pattern layout>



<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