

200K Ultrasonic Level Transducer
Technique Data Sheet



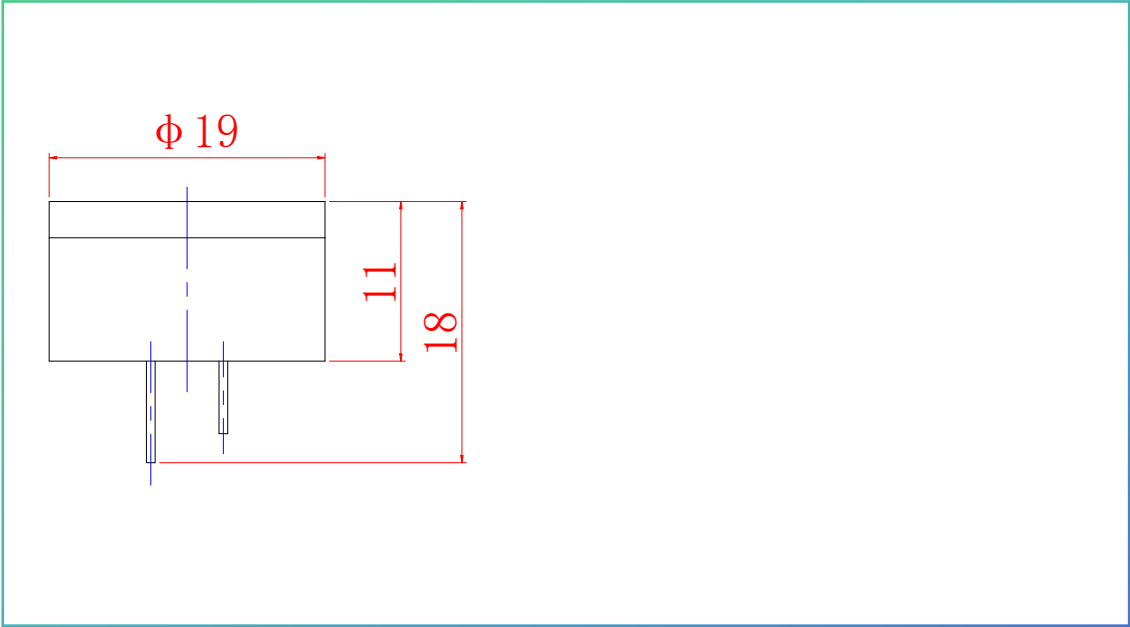
MIC METERING (SHENZHEN) LIMITED



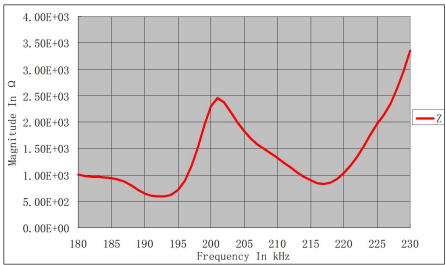
I: Parameters

Model	AD0200K1
Center frequency (kHz)	200KHZ $\pm$ 4%
Band width	16kHz
Overall sensitivity 0 dB=200 Vp-p; Pules: 50; Length: 20cm	-60dB min
Measurement distance	0.10—2M
Blind zone	<0.10M
Beam angle (-3dB)	7 $\pm$ 2°
Static capacity	400PF $\pm$ 20%
Minimum resistance	600 Ω $\pm$ 30%
Max work voltage	<500V
Work temperature	-20~70℃
Protection class	IP65
Housing material	Alloy aluminum

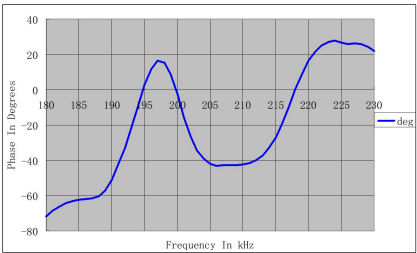
II: Technical Drawing



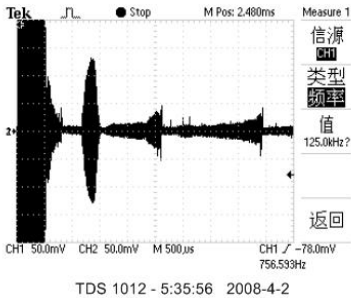
III. Product Key Index



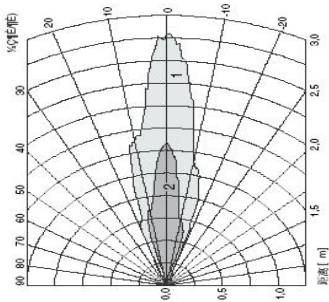
Frequency-resistance



Frequency-phase



Overall sensitivity
0 dB=200 Vp-p; Pules: 50; Length: 20cm



Direction

The above tests were conducted in 25 ° environment

IV: Features:

- 1/ small size, easy installation
- 2/ High sensitivity, High precision, little aftershock wave, wide bandwidth
- 3/ Long life

V: Application

For level measure in air, such as ultrasonic level sensor, proximity sensor

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