

300K Ultrasonic Level Transducer
Technique Data Sheet



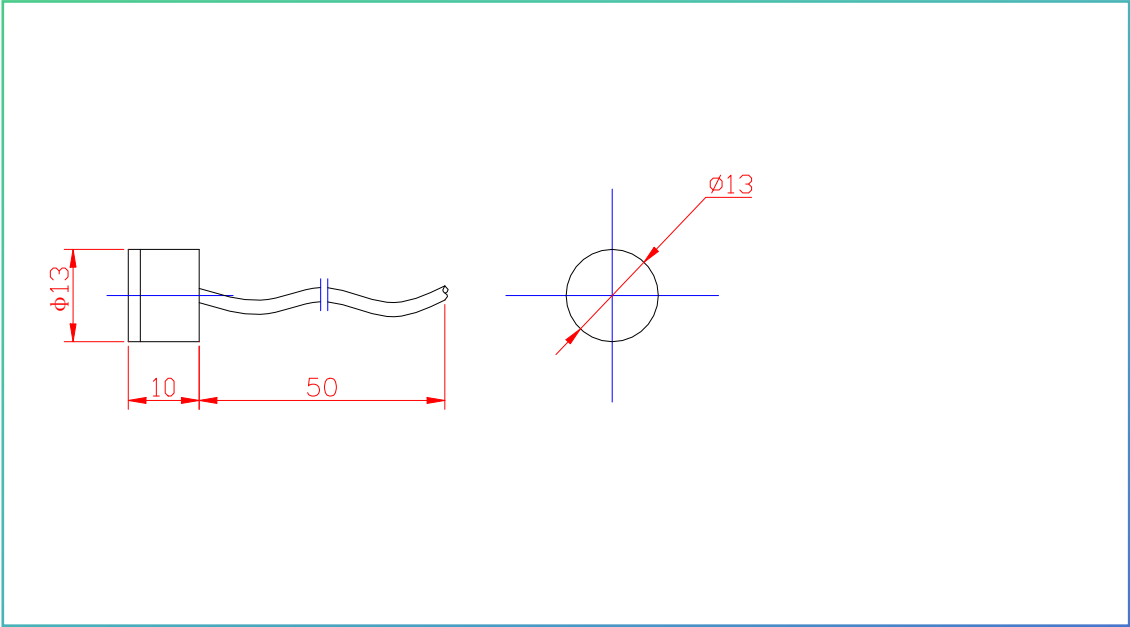
MIC METERING (SHENZHEN) LIMITED



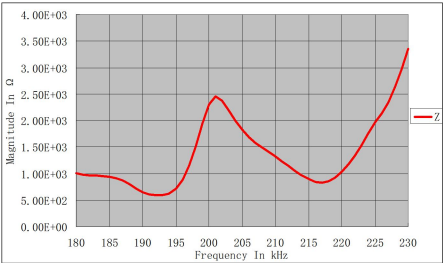
I: Parameters

Model	AD0300K1
Center frequency (kHz)	300KHZ $\pm$ 4%
Band width	24kHz
Overall sensitivity 0 dB=18 Vp-p; Pulses: 50; Length: 15cm	-66dB min
Measurement distance	0.08—0.6M
Blind zone	<0.08M
Beam angle (-3dB)	7 $\pm$ 2°
Static capacity	250PF $\pm$ 20%
Minimum resistance	500 Ω $\pm$ 30%
Max work voltage	<300V
Work temperature	-20~80℃
Protection class	IP65
Housing materail	Aluminum alloy

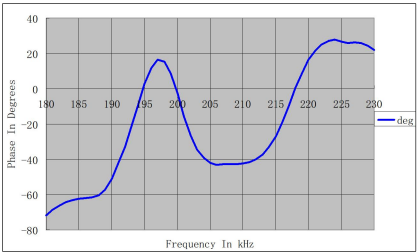
II: Technical Drawing



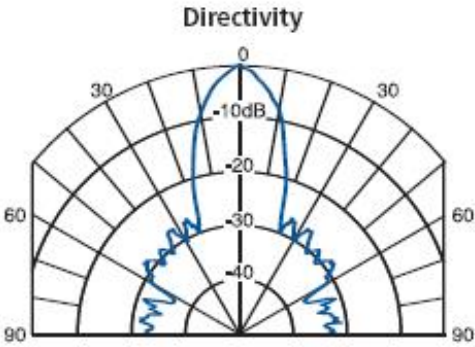
III. Product Key Index



Frequency-resistance



Frequency-phase



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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