

**2Mhz Ultrasonic Liquid Flow Transducer
Technique Data Sheet**



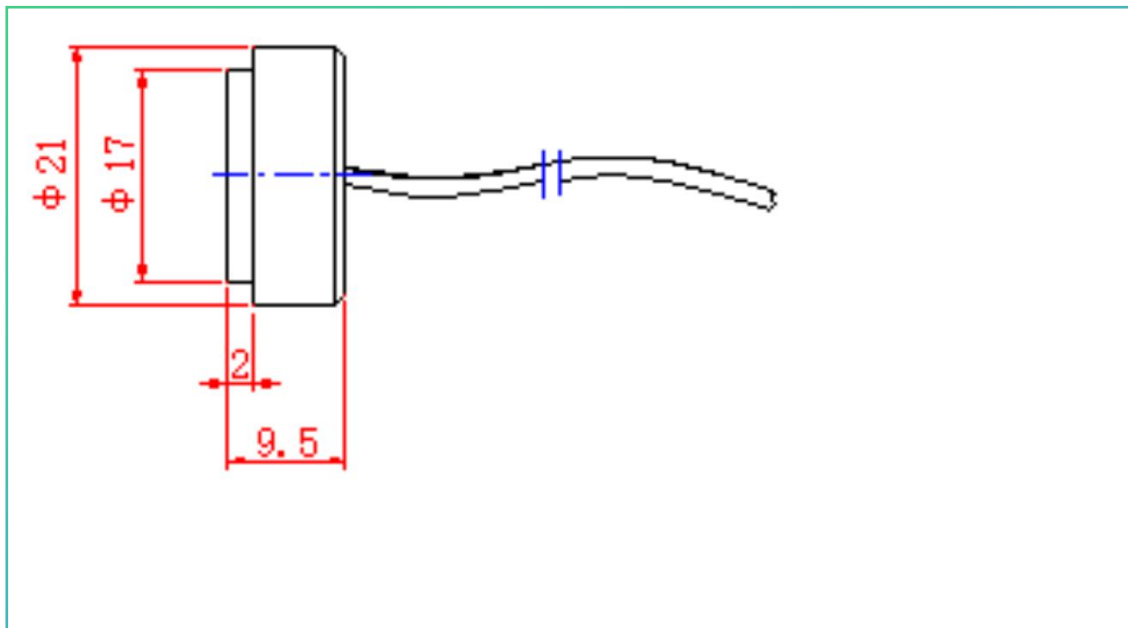
MIC METERING (SHENZHEN) LIMITED



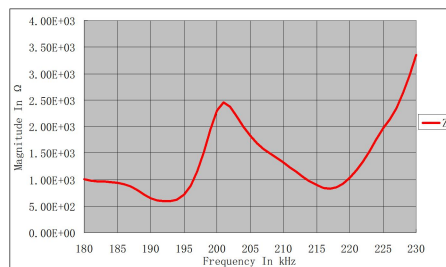
I: Parameters

Model	LF2000K1
Center frequency (kHz)	2.00MHZ $\pm$ 4%
Band width (-6dB)	10%
Overall Sensitivity 0 dB=3 Vp-p; Pulses: 5; Length: 8cm	-25dB min
Distance	1.0M
Blind Zone	3cm
Beam angle (-3dB)	3°
Static capacity	2300PF $\pm$ 20%
Minimum resistance	100 Ω $\pm$ 30%
Max work voltage	<200V
Work temperature	4~50℃
Housing material	PPS
Protection class	IP68

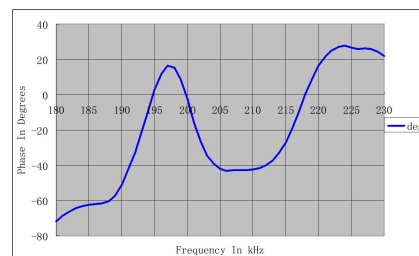
II: Technical Drawing



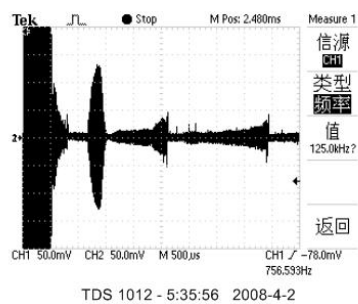
III. Product Key Index



Frequency-resistance

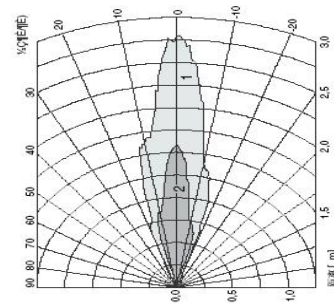


Frequency-phase



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 water flow, short distance of liquid such as water meters, heat meters

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