

**500KHz Ultrasonic Gas Flow Transducer
Technique Data Sheet**



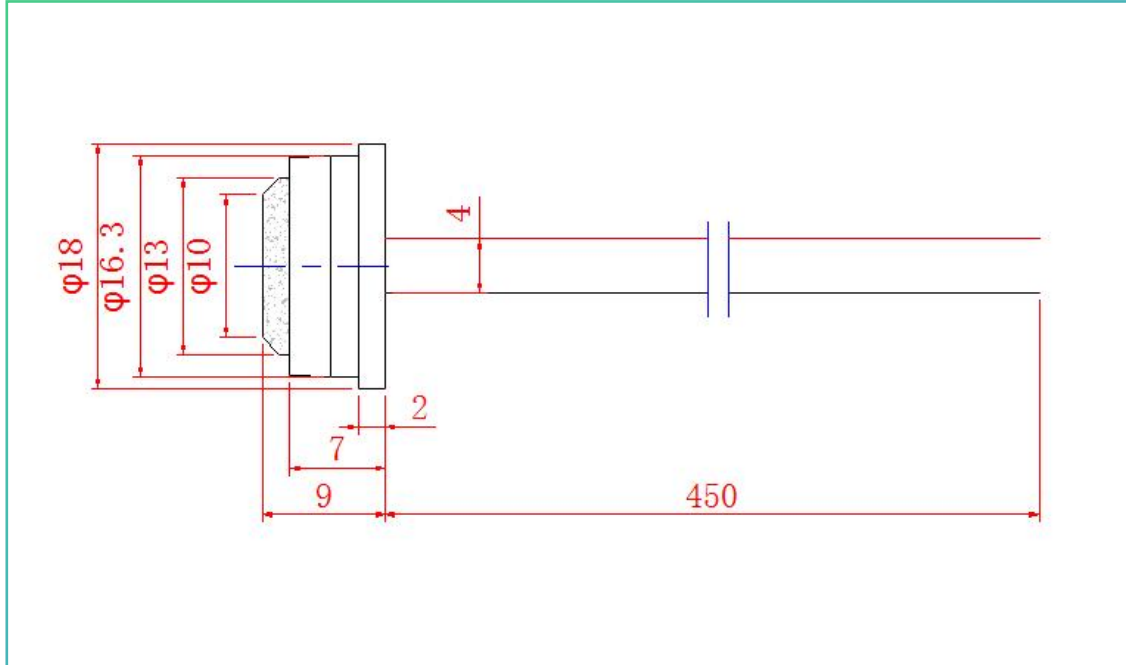
MIC METERING (SHENZHEN) LIMITED



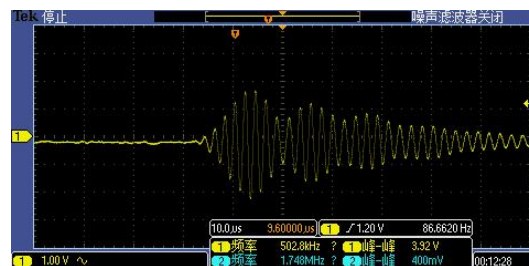
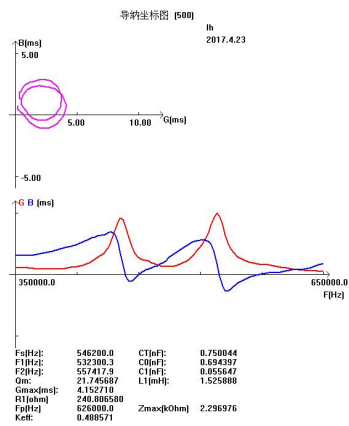
I: Parameters

Model	AF0500K1
Center Frequency (kHz)	500KHZ $\pm$ 4%
Overall sensitivity 0 dB=10 Vp-p; pulses; 5 circles; Length: 6cm Gain: 40dB	>3V
Beam angel (-3dB)	5 $\pm$ 1°
Static capacity	300PF $\pm$ 20%
Minimum resistance	200 Ω $\pm$ 30%
Max work voltage	<500V
Work temperature	-20 $\sim$ 70°C
Protection class	IP65

II: Technical Drawing



III. Product Key Index



Frequency-resistance

Sensitivity: 0 dB=10 Vp-p; pulses; 5 circles; Length: 6cm

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

Gas meters, gas flow, air flow devices

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