



Technical requirements: (25° C ± 1° C, 1KHz)

1, Radial resonant frequency (谐振频率) $F_s = 320 \pm 15 \text{ kHz}$

2, Anti resonance frequency (反谐振频率) $F_p = 380 \pm 15 \text{ kHz}$;

3, $\Delta f: F_p - F_s = 63 \text{ kHz}$;

4, Coupling Modulus (耦合系数) $K_p = 0.71$

5, Quality Factor (品质因数) $Q_m = 59.1$

6, Capacity C_T (电容量) $C_T = 0.28 \pm 15\% \text{ nF}$.

7, Static capacitance (静电容量) $C_0 = 0.2 \pm 15\% \text{ nF}$

8, Thickness resonant frequency (厚向谐振频率) $F_t = 1.0 + 0.1 \text{ MHz}$

Drawn		Name	Ultrasonic Transducer	
Checked			PZT5- $\varnothing 6 \times 2T$	
Approved		DWG NO.	VS221217021	UNIT
Date	2022/12/17			mm



宁波福爱斯电子有限公司