

Ultrasonic Transducer Specification

1. Part Number: JTY8-14200-1.3A

2. 2.Electrical Performance

编号 NO	项 目 Item	规 格 specification
1	静电电容 (nF) Electrostatic capacitance(nF)	$1.3 \pm 20\%$
2	介电损耗 $\text{tg } \delta$ Dielectric loss $\text{tg } \delta$	$\leq 2\%$
3	谐振频率 (MHz) Resonant Frequency(MHz)	1 ± 0.03
4	谐振阻抗 (Ω) Resonant impedance (Ω)	50
5	压电陶瓷片直径 D_1 (mm) piezoelectric ceramic plate diameter(mm)	14 ± 0.5
6	压电陶瓷片厚度 T_1 (mm) piezoelectric ceramic plate thickness T_2 (mm)	2.1 ± 0.1

3. Appearance and Dimension (mm)

