

## CT11U-400T4000-D1X

Rev. 0-2024  
RoHS3 & REACH  
IP67

Ultrasonic Sound Transducers



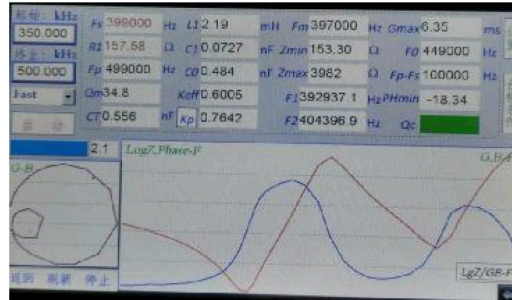
### Operating Characteristics

#### ELECTRICAL

Operating Mode	Transmitter / Receiver
Max Operating Voltage	400 Vp-p
Capacitance	500 pF ± 30 % 1000 Hz

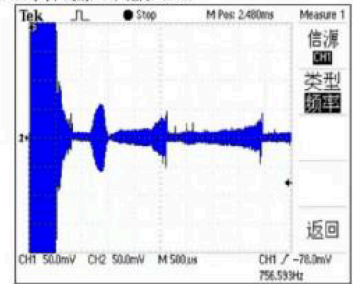
#### ACOUSTIC

$f_0$	400,000 ± 15,000 Hz
Beam Angle	7 ± 2° (-6 dB)
Detectable Range	0 to 80 cm
Ring Time	≤290 us
Test Conditions	200 Vpp, 400,000 Hz
Echo	≥200 mV
Test Conditions	Test Plate 100×100 mm PVC, 10 cm



Frequency(kHz)

(发射电压: 200Vp-p; 周期: 50; 距离: 20cm)



Sensitivity

### Physical Characteristics

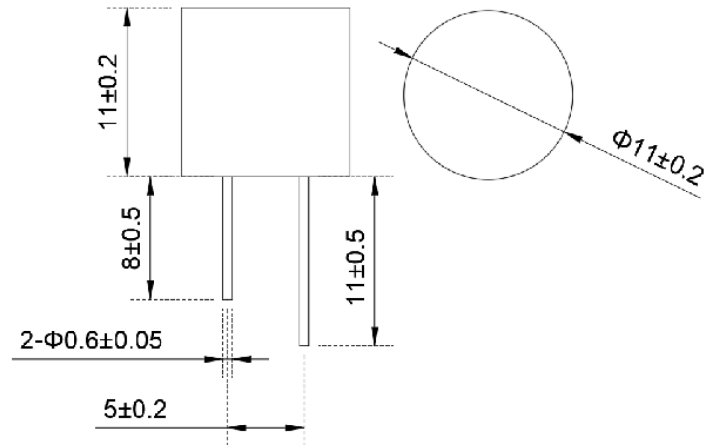
#### MATERIAL

Housing	Aluminum
PC Pin	Brass, Tin Plated

#### TEMPERATURE RANGES

Operating	-40 to +80°C
Storage	-40 to +85°C

Weight	10 g
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General tolerance = ±0.2 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2024	Original Specification	JL	2024-09-23

Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

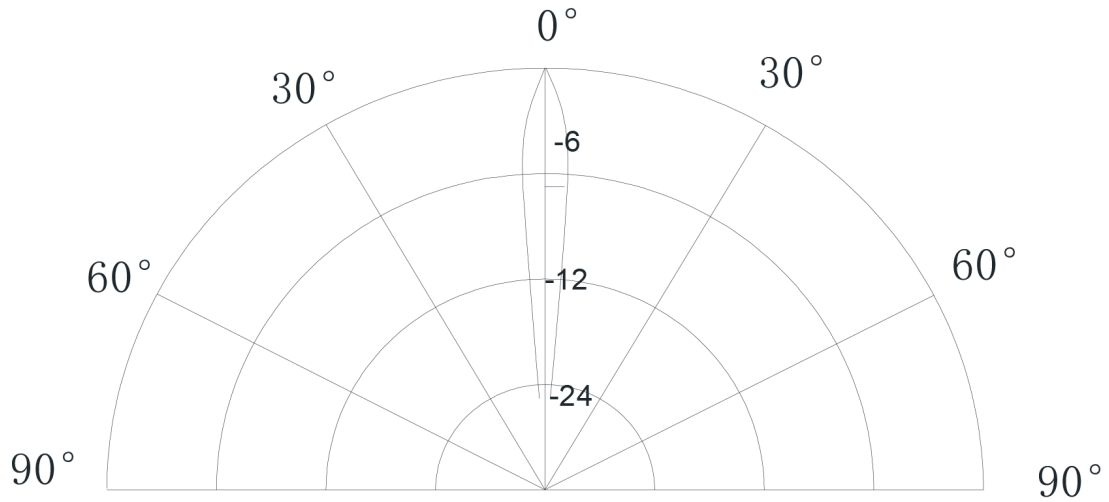
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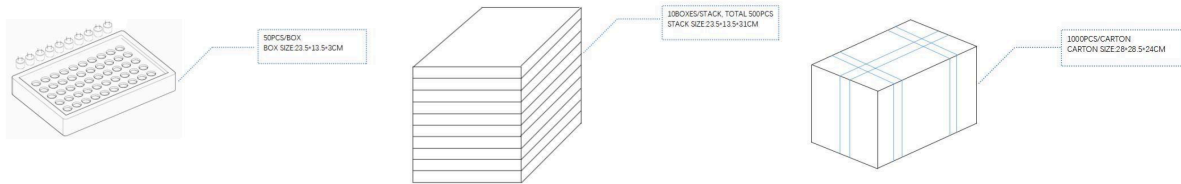
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### Beam Directivity



### Packaging



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