

# 220 kHz Air transducer



Model: A220A1  
P/N: H2KA220KA1CD00



A220A1 ultrasonic transducer is designed to deliver outstanding performance at around 220 kHz frequency. The transducer works as a signal transmitting and receiving unit. This ultrasonic transducer is suitable for proximity measurement, web guiding control, non-contact level measurement and robotics, etc.

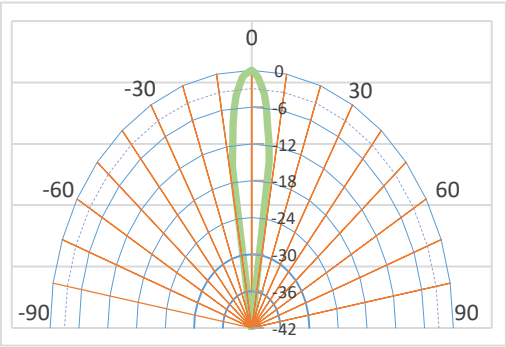
## Features

- High performance
- High reliability
- Aluminum housing

## Major Applications

- Edge position control
- Proximity measurement

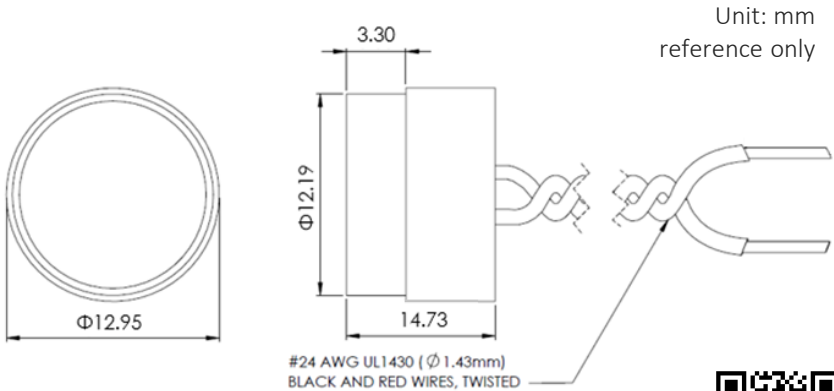
## Directivity Diagram



## Specifications

Operation Frequency	220 kHz
Capacitance (@ 1 kHz, 1Vrms)	800 pF
Directivity (Full Angle @-3 dB)	8 degree
Maximum Driving Voltage ( 2% Duty Cycle Tone Burst )	500 V <sub>p-p</sub>
Maximum Sensing Range	150 cm
Blind Zone	< 10 cm
Dimension-OD	12.19 mm
Dimension-Height	14.73 mm
Wire	UL1430 #24 AWG $\phi$ 1.43mm

## Dimensions



As Unictron continues to improve its products, all specifications are subject to change without notice. All specifications are typically measured at 25 ± 3 ° C, 45 to 60% RH.

