

# 150 kHz Air transducer



Model: A150A

P/N: H2KA150KA1CD00



A150A ultrasonic transducer is designed to deliver outstanding performance at around 150 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

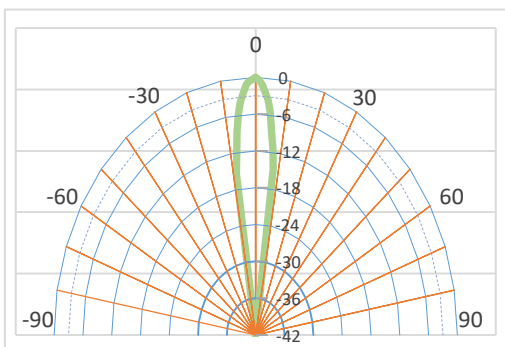
## Major Applications

- Edge position control
- Proximity measurement

## Specifications

Operation Frequency	150 kHz
Capacitance (@ 1 kHz, 1Vrms)	1000 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	250 cm
Blind Zone	< 15 cm
Dimension-OD	17.15 mm
Dimension-Height	12.70 mm
Wire (UL1430 #24 AWG $\phi$ 1.43mm)	88.9 mm

## Directivity Diagram



## Dimensions

