

Model: A220A

P/N: H2KA220KA1CD00



A220A 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.

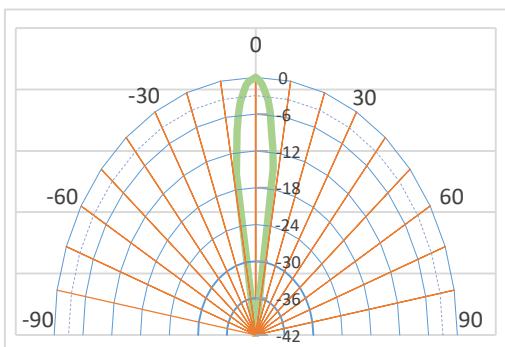
## Features

- 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<br>( 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

