

Model: A300A

P/N: H2KA300KA1CD00



A300A works as a signal transmitting and receiving unit. This ultrasonic transducer is particularly suitable for double feed detection, edge detection, splice detection, label detection, web guiding and proximity measurement, etc. It works reliably regardless of materials under detection, for example: paper, glass, transparent plastics, metal sheet, cardboard, etc.

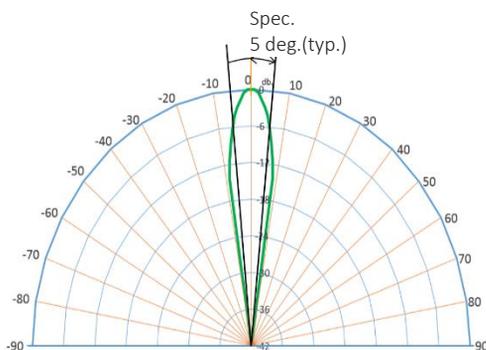
## Features

- High performance
- High reliability
- Black surface
- Patented technology

## Major Application

- Double feed detection
- Edge position control
- Banknote fitness detection
- Label detection
- Proximity measurement

## Directivity Diagram



## Specifications

Operation Frequency	300 kHz
Capacitance (@ 1 kHz, 1Vrms)	1300 pF
Directivity (Full Angle @-6 dB)	10 Degree
Maximum Driving Voltage	50 V <sub>p-p</sub>
Maximum Sensing Range	60 cm
Blind Zone	< 3 cm
Dimension-OD	9.9 mm
Dimension-Height	7.3 mm

## Dimensions

