

# Piezoelectric Transducers & Sensors

## DV105-07

## Immersion Transducers



### FEATURES

- $\lambda/4$  layer acoustically matched to water
- Wide bandwidth for high resolution pulse-echo measurement
- Large diameter to increase scanning index

### APPLICATIONS

- NDT(Nondestructive Testing) probe
- Thru-transmission test as in bone densitometer
- High speed flaw detection in bar, plate, etc

## Shape&Dimensions

Dimension[mm]	Spectrum & Waveform
<p>DV105-07</p>	
Nominal element size	Diameter: 19 mm
Specification	Center frequency: 0.5MHz Bandwidth: More than 60%
Center frequency can be adjusted to customer requirements. Ultrasonic transducers other than immersion type are also available.	

# Piezoelectric Transducers & Sensors

## DV105-10

## Immersion Transducers



### FEATURES

- $\lambda/4$  layer acoustically matched to water
- Wide bandwidth for high resolution pulse-echo measurement
- Large diameter to increase scanning index

### APPLICATIONS

- NDT(Nondestructive Testing) probe
- Thru-transmission test as in bone densitometer
- High speed flaw detection in bar, plate, etc

## Shape&Dimensions

Dimension[mm]	Spectrum & Waveform
<p>DV105--10</p>	
Nominal element size	Diameter: 25mm
Specification	Center frequency: 0.5MHz Bandwidth:More than 60%
Center frequency can be adjusted to customer requirements. Ultrasonic transducers other than immersion type are also available.	

# Piezoelectric Transducers & Sensors

## DVF05-10

## Immersion Transducers



### FEATURES

- $\lambda/4$  layer acoustically matched to water
- Wide bandwidth for high resolution pulse-echo measurement
- Large diameter to increase scanning index
- Focusing type (focal length ~ 110)

### APPLICATIONS

- NDT(Nondestructive Testing) probe
- Thru-transmission test as in bone densitometer
- High speed flaw detection in bar, plate, etc

## Shape&Dimensions

Dimension[mm]	Spectrum & Waveform
<p>DVF05-10</p>	
Nominal element size	Diameter: 25mm
Specification	Center frequency: 0.5MHz Bandwidth: More than 60%
Center frequency can be adjusted to customer requirements. Ultrasonic transducers other than immersion type are also available.	