

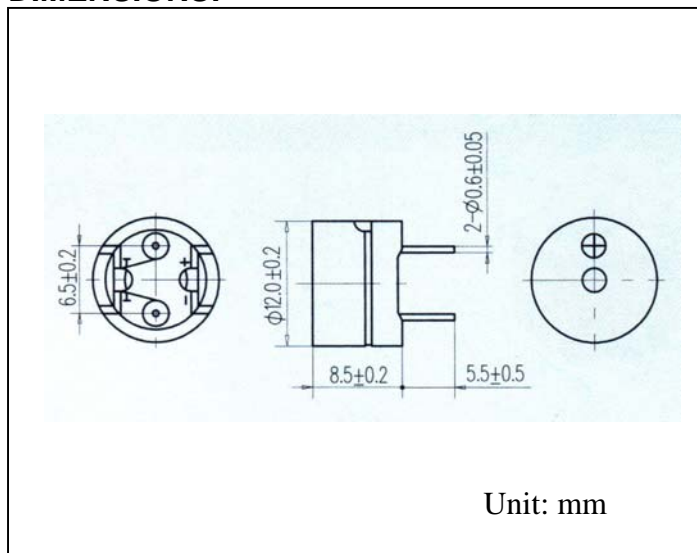
# ECHO-MAGNETIC TRANSDUCER MT1285 SERIES



## FEATURES:

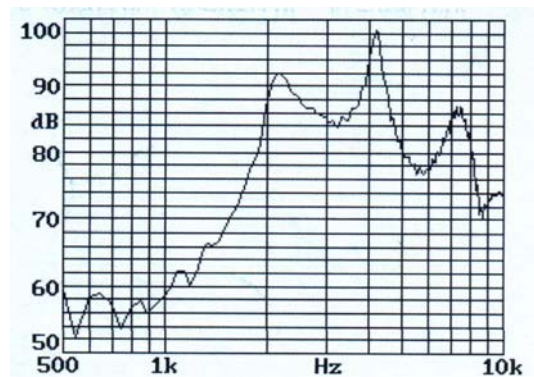
- Emit a clear sound
- Small size & lightweight
- No electric noise
- Operating temperature  $-20^{\circ}\text{C}$ ~ $+70^{\circ}\text{C}$
- Storage temperature  $-30^{\circ}\text{C}$ ~ $+70^{\circ}\text{C}$

## DIMENSIONS:



## FREQUENCY RESPONSE:

Typical curve of type MT1285-01



Applied voltage: 1.5V, 1/2 duty, square wave  
Distance for measurement: 10cm

## SPECIFICATIONS:

Model Number	MT1285-01	MT1285-02	MT1285-03
Rated Voltage (V)	1.5		
Operating Voltage (V)	1~2		
◆Max. Rated Current (mA)	32	12	
Coil Resistance ( $\Omega$ )	$16 \pm 4$	$42 \pm 6$	$50 \pm 7.5$
◆Min. Sound Output at 10cm (dB)	85	80	
Resonant Frequency (Hz)	2048		
Operating Temperature ( $^{\circ}\text{C}$ )	$-25 \sim +70$		
Storage Temperature ( $^{\circ}\text{C}$ )	$-30 \sim +85$		
Weight (g)	2		

◆Value applying rated voltage (2048, 1/2 duty, square wave)