

# CT12E-07T240-1X

 Rev. 1-2025  
 RoHS3 & REACH  
 IPX7  
 Electromagnetic Sound Transducers

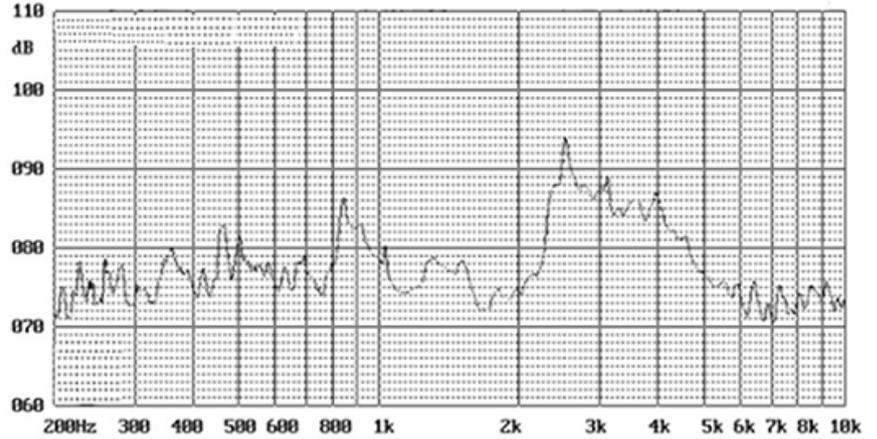

## Operating Characteristics

### ELECTRICAL

Rated Voltage	5 Vo-p
Operating Voltage	3 to 7 Vo-p
Coil Resistance	47 ± 5 Ω
Max Current at V Rated	60 mA

### ACOUSTIC

Min SPL at V Rated	85 dB
Test Conditions	10 cm
$f_o$	2,400 Hz



## Physical Characteristics

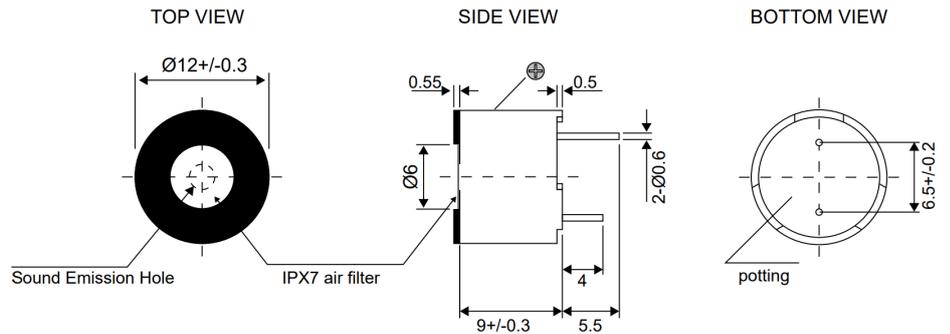
### MATERIAL

Housing	PBT
Diaphragm	Iron-Nickel Alloy
PC Pins	Nickel Plated Copper

### TEMPERATURE RANGES

Operating	-30 to +80 °C
Storage	-30 to +80 °C

Weight 1.8 g



General tolerance = ±0.5 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2024	Original Specification	AL	2024-06-03
1-2025	Updated Frequency Response Curve	KG	2025-06-13

Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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