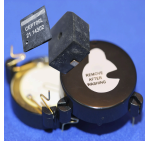


## CT08E-06S300-1

Rev. 2-2020  
RoHS3 & REACH  
Electromagnetic Sound Transducers



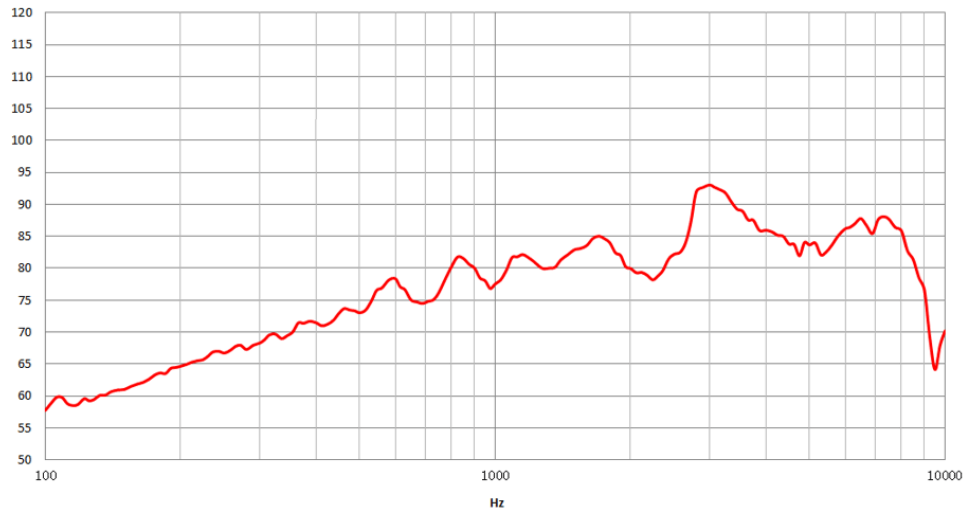
### Operating Characteristics

#### ELECTRICAL

Rated Voltage	5 Vo-p
Operating Voltage	3 to 6 Vo-p
Coil Resistance	16 ± 3 Ω
Max Current at V Rated	100 mA

#### ACOUSTIC

Min SPL at V Rated	88 dB
Test Conditions	10 cm
f <sub>o</sub>	3000 ± 500 Hz



### Physical Characteristics

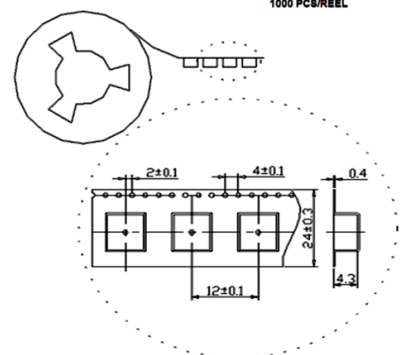
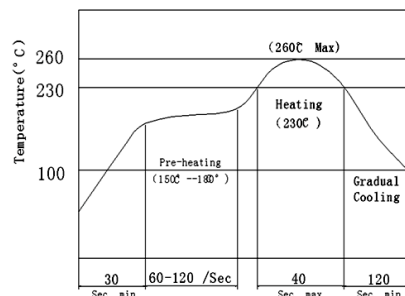
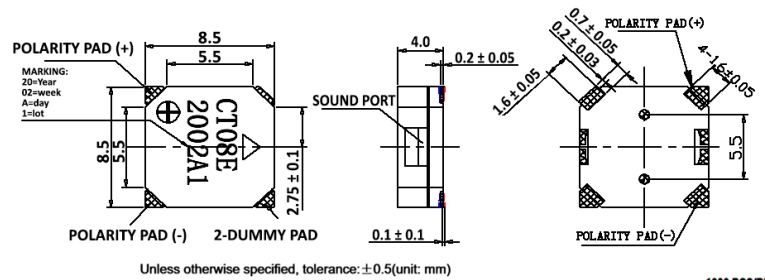
#### MATERIAL

Housing	LCP
Diaphragm	Nickel Alloy
Magnet	NdFeB
Solder Pad	Brass

#### TEMPERATURE RANGES

Operating	-40 to +85 °C
Storage	-40 to +85 °C

Weight 0.6 g



All Measurements are mm unless noted otherwise.

Revision	Description	By	Date
1-2020	Corrected diaphragm call out from Iron to Nickel Alloy. Updated mechanical drawing with date code information.	JL	2020-01-13
2-2020	Updated mechanical drawing to include coplanarity and tape & reel dimensions	SP	2020-07-24

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.