

## CT05E-04S310-1

Former P/N: CT05ES-04310-1

Rev. 5-2023  
RoHS3 & REACH  
Electromagnetic Sound Transducers



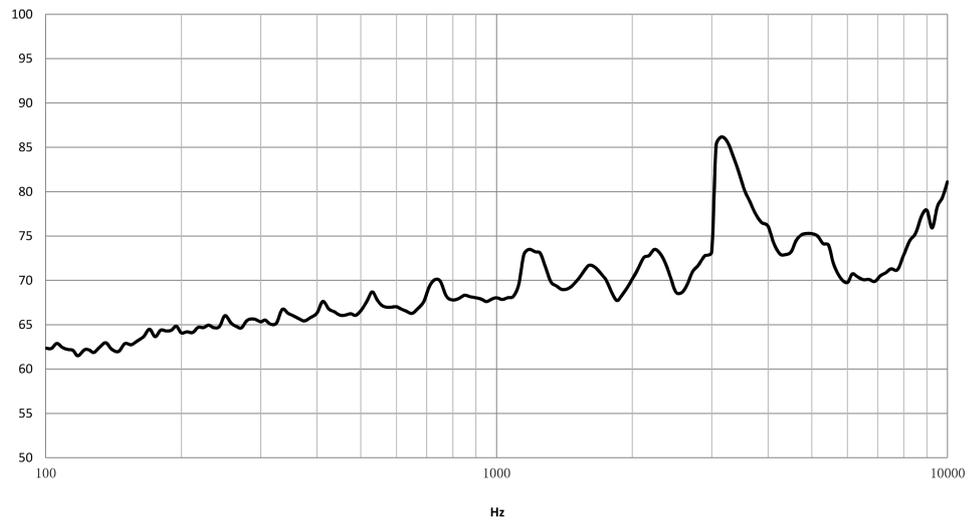
### Operating Characteristics

#### ELECTRICAL

Rated Voltage	3.0 Vo-p
Operating Voltage	2.5 to 4.5 Vo-p
Coil Resistance	10 ± 1.5 Ω
Max Current at V Rated	120 mA

#### ACOUSTIC

Min SPL at V Rated	80 dB
Test Conditions	10 cm
$f_o$	3100 Hz



### Physical Characteristics

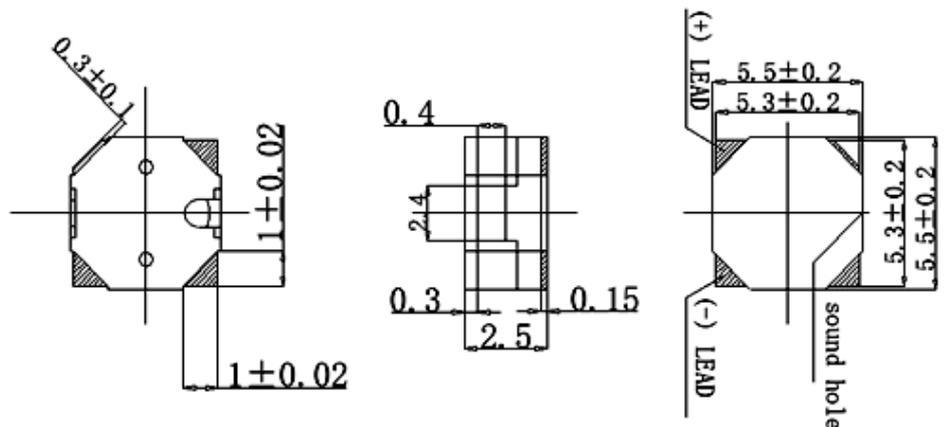
#### MATERIAL

Housing	LCP
Diaphragm	Iron
Solder Pad	DSn (Brass)

#### TEMPERATURE RANGES

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

Weight	0.3 g
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General tolerance = ±0.5 mm and all measurements in mm unless otherwise noted.

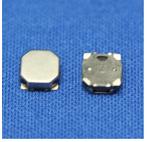
Revision	Description	By	Date
4-2020	Updated Mechanical Drawing - added default tol. +/- 0.5 mm, default resonant freq. tol. +/- 500 Hz	WS	2020-09-08
5-2023	Updated photo. Updated to 2-page format.	CT	2023-01-24

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.

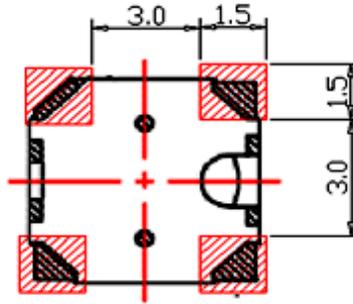
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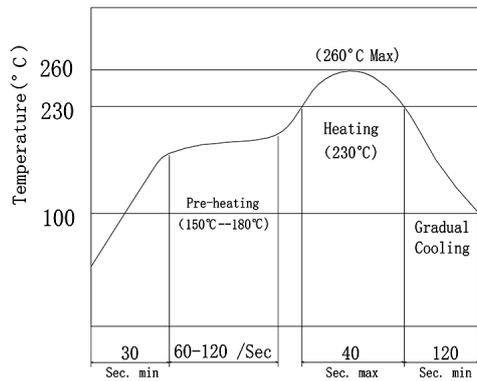
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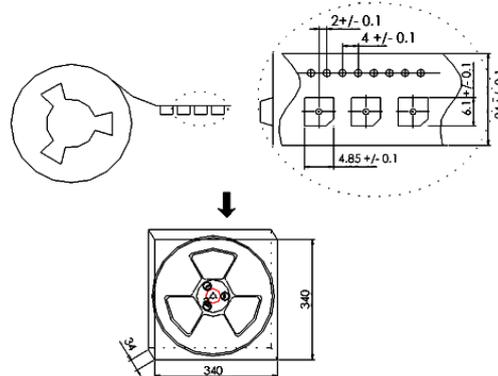
## Recommended Footprint



## Recommended Reflow Profile



## Tape & Reel Packaging



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