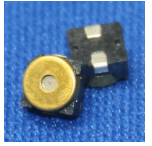


## CT03E-04S400-1

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RoHS3 & REACH  
Electromagnetic Sound Transducers



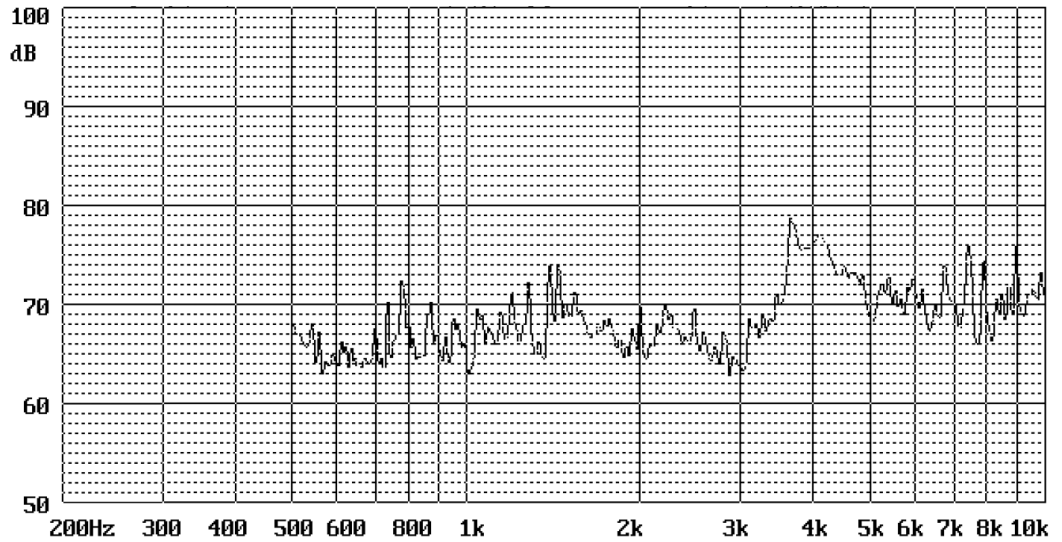
### Operating Characteristics

#### ELECTRICAL

Rated Voltage	3 Vo-p
Operating Voltage	2 to 4 Vo-p
Coil Resistance	12 ± 3 Ω
Max Current at V Rated	120 mA

#### ACOUSTIC

Min SPL at V Rated	72 dB
Test Conditions	10 cm
f <sub>o</sub>	4000 Hz



### Physical Characteristics

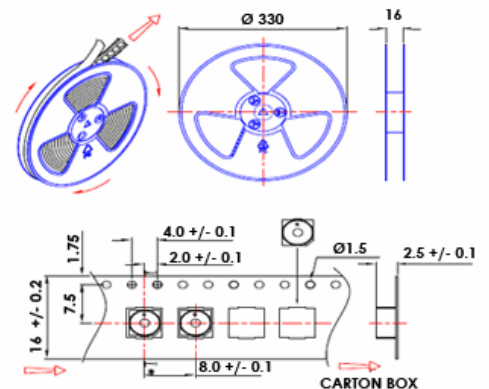
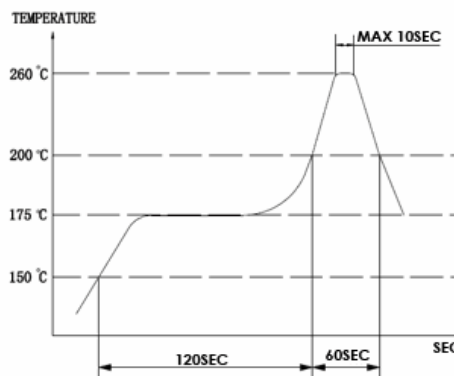
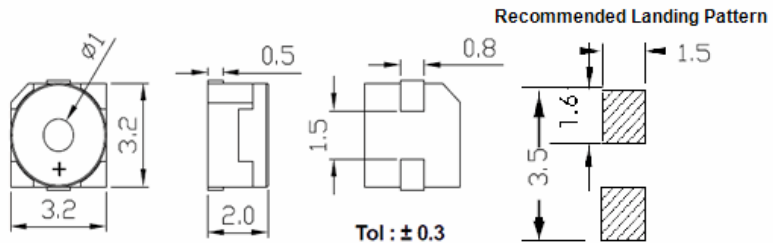
#### MATERIAL

Housing	LCP (black)
Diaphragm	Nickel Alloy
Solder Pad	Tin-plated Brass

#### TEMPERATURE RANGES

Operating	-20 to +70 °C
Storage	-30 to +80 °C

Weight 0.1 g



All measurements in mm unless otherwise noted.

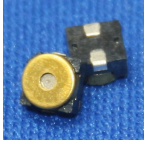
Revision	Description	By	Date
1-2020	Updated mechanical drawing	SP	2020-08-19
2-2023	Added part image.	SK	2023-05-08

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.

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Challenge Electronics reserves the right to make changes in any specification, data or material contained herein.

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### Recommended Footprint

*Image Not Available*

### Recommended Reflow Profile

*Image Not Available*

### Tape & Reel Packaging

*Image Not Available*

Revision	Description	By	Date
1-2020	Updated mechanical drawing	SP	2020-08-19
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