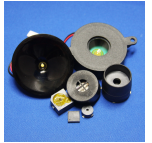


CT10E-04S283-6

 Rev. 0-2024
 RoHS3 & REACH
 Electromagnetic Sound Transducers


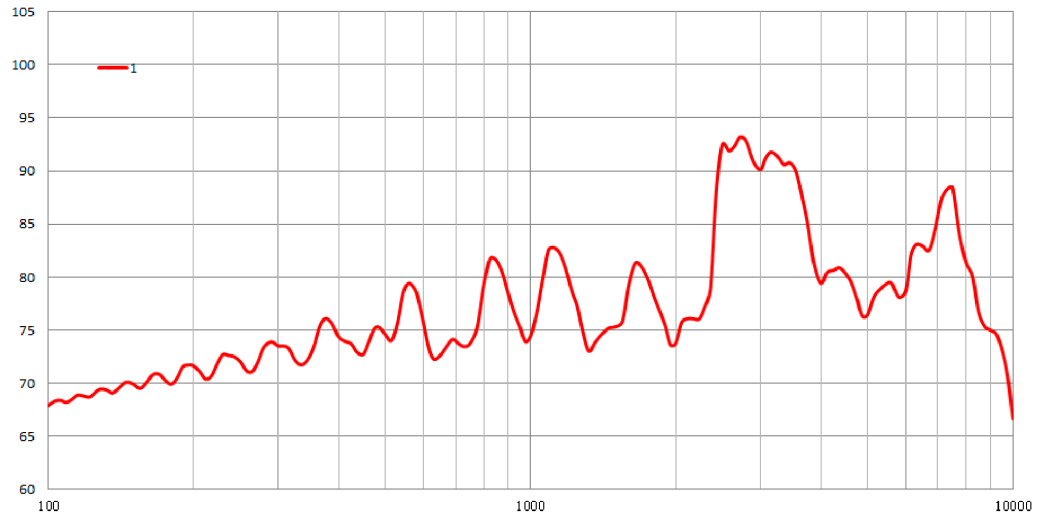
Operating Characteristics

ELECTRICAL

Rated Voltage	3.6 Vo-p
Operating Voltage	3 to 4.5 Vo-p
Coil Resistance	18 ± 5 Ω
Max Current at V Rated	100 mA

ACOUSTIC

Min SPL at V Rated	90 dB
Test Conditions	10 cm
f _o	2830 Hz



Physical Characteristics

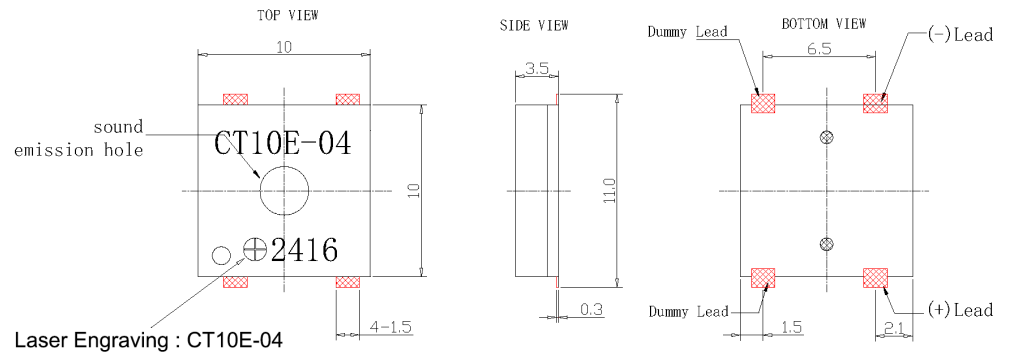
MATERIAL

Housing	Black LCP
Diaphragm	Iron
Solder Pads	Brass

TEMPERATURE RANGES

Operating	-30 to +70 °C
Storage	-40 to +85 °C

Weight 0.8 g



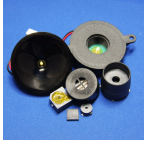
General tolerance = ±0.5 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2024	Original Specification	AL	2024-04-08

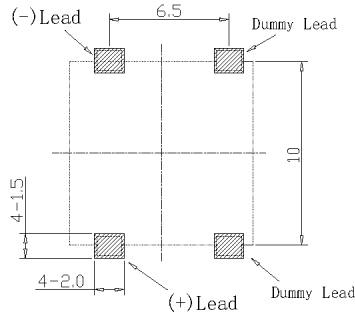
Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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.

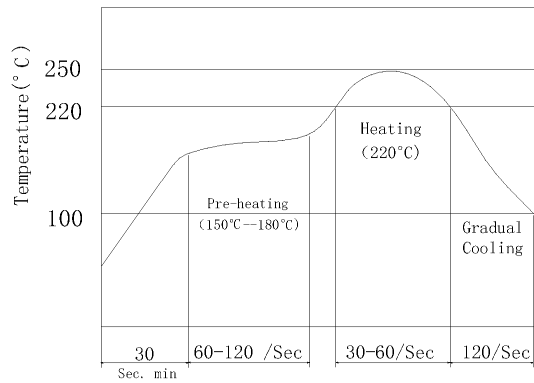
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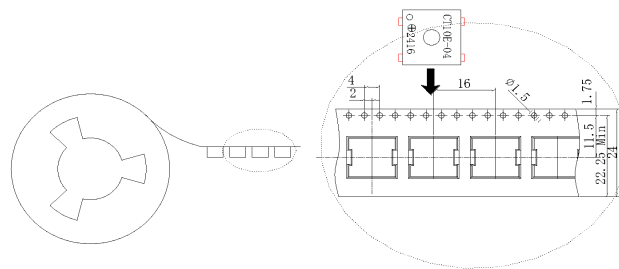
Recommended Footprint



Recommended Reflow Profile



Tape & Reel Packaging



1000 pieces per reel
 Reel placed in vacuum sealed anti-static with 2 packs of desiccant
 Sealed reel placed in square paper box (340x340x34mm)
 5 boxes per package, 5000 pieces per package

Revision	Description	By	Date
0-2024	Original Specification	AL	2024-04-08

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