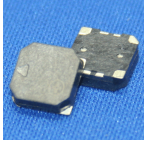


CT07E-04S270-1

Former P/N: CEET075R025-15-245-27MR

Rev. 6-2024
RoHS3 & REACH
Electromagnetic Sound Transducers



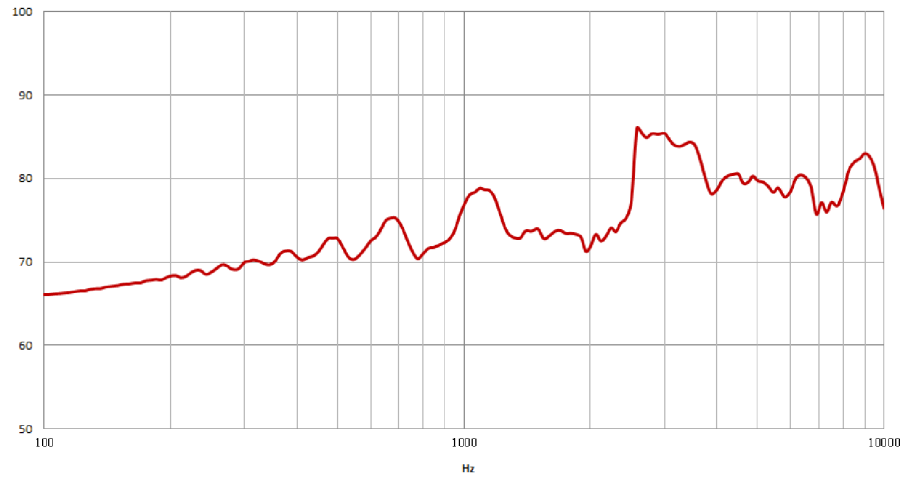
Operating Characteristics

ELECTRICAL

Rated Voltage	3.6 Vo-p
Operating Voltage	2.5 to 4.5 Vo-p
Coil Resistance	16 ± 3 Ω
Max Current at V Rated	100 mA

ACOUSTIC

Min SPL at V Rated	85 dB
Test Conditions	10 cm
f_o	2700 Hz



Physical Characteristics

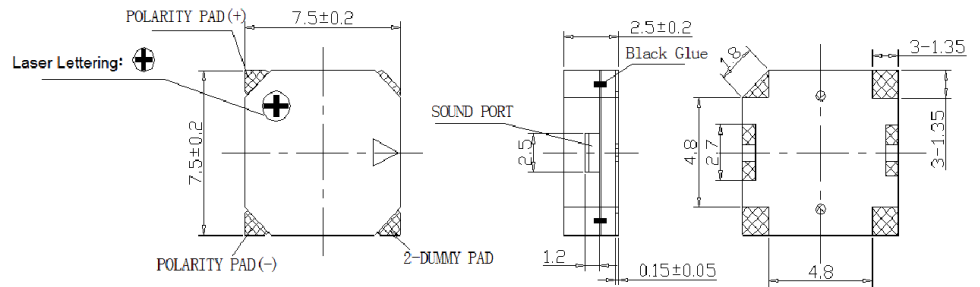
MATERIAL

Housing	LCP
Diaphragm	Iron
Solder Pad	Sn Plated Brass

TEMPERATURE RANGES

Operating	-45 to +85 °C
Storage	-40 to +85 °C

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

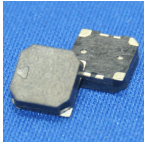
Revision	Description	By	Date
5-2023	Added part image.	SK	2023-05-12
6-2024	Coil resistance updated from 15 to 16 Ω. SPL updated from 82 to 85 dB. Operating temp. range updated from -30 to +80 to -40 to +85 °C. Housing material updated from Plastic to LCP. Diaphragm material updated from Ni Alloy AL Disc N50 to Iron. Added packaging and reflow profile. Updated frequency response.	AL	2024-06-05

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.

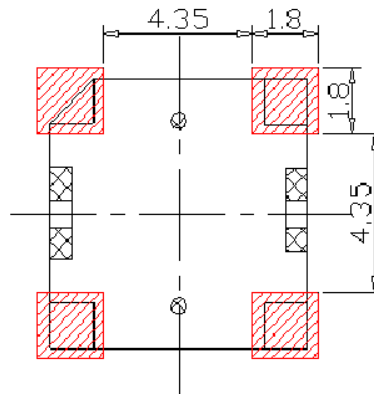
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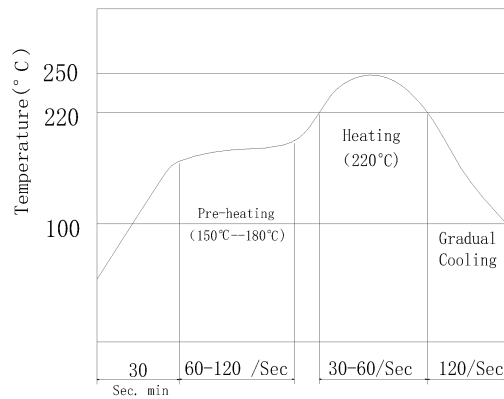
Former P/N: CEET075R025-15-245-27MR

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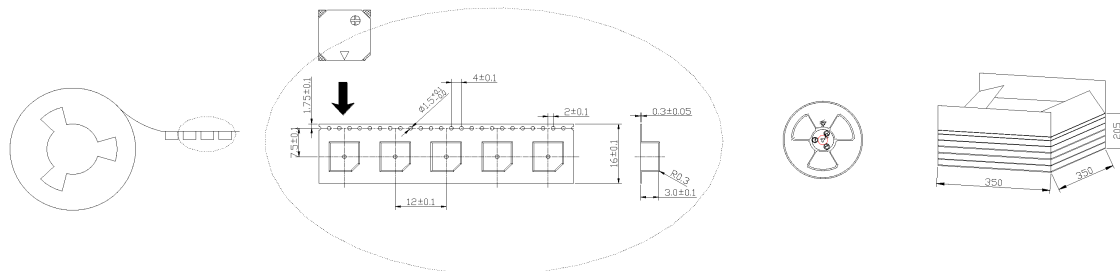
Recommended Footprint



Recommended Reflow Profile



Tape & Reel Packaging



1. The reel is put into an aluminum film anti-static bag with 2 packs of desiccant and vacuum sealed.
2. The sealed reel is placed in a (340*340*34mm) paper box
3. 2000 pieces per reel, 5 reels per carton, 10,000 pieces per carton

Revision	Description	By	Date
5-2023	Added part image.	SK	2023-05-12
6-2024	Coil resistance updated from 15 to 16 Ω. SPL updated from 82 to 85 dB. Operating temp. range updated from -30 to +80 to -40 to +85 °C. Housing material updated from Plastic to LCP. Diaphragm material updated from Ni Alloy AL Disc N50 to Iron. Added packaging and reflow profile. Updated frequency response.	AL	2024-06-05

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