

CT08E-04S273-9

Former P/N: CEET085M030-16-2545-27MR

Rev. 4-2023
RoHS3 & REACH
Electromagnetic Sound Transducers



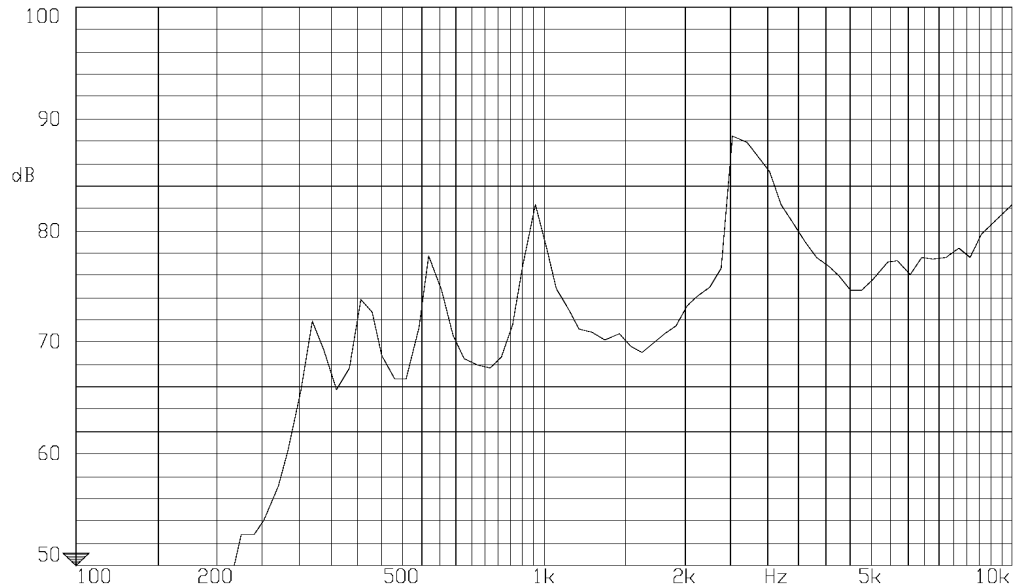
Operating Characteristics

ELECTRICAL

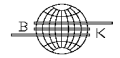
Rated Voltage	3.6 Vo-p
Operating Voltage	2.5 to 4.5 Vo-p
Coil Resistance	16 ± 3 Ω
Max Current at V Rated	90 mA

ACOUSTIC

Min SPL at V Rated	88 dB
Test Conditions	10 cm
f _o	2730 Hz



Mode: SSR



Physical Characteristics

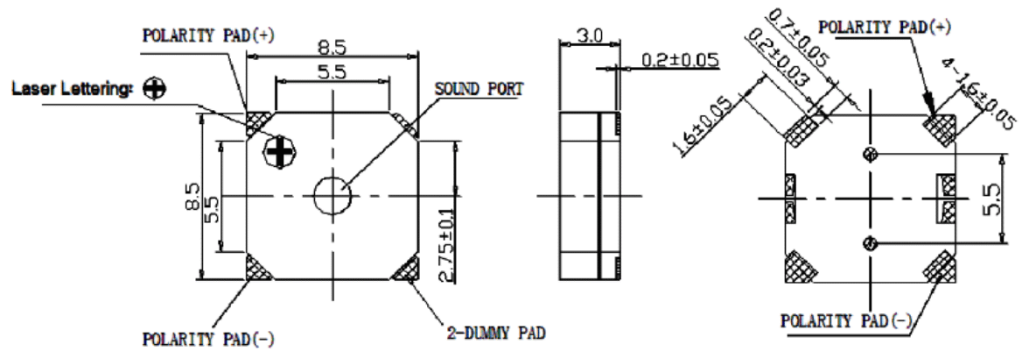
MATERIAL

Housing	LCP
Diaphragm	Iron
Solder Pad	Brass

TEMPERATURE RANGES

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

Weight	0.396 g
--------	---------



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

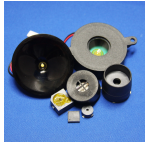
Revision	Description	By	Date
3-2020	Updated minimum SPL at Vrated from 88 ± 2 dB to 88 dB.	WS	2020-05-08
4-2023	Updated weight from 0.6g to 0.396g. Added reflow profile and packaging details.	AL	2023-01-11

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.

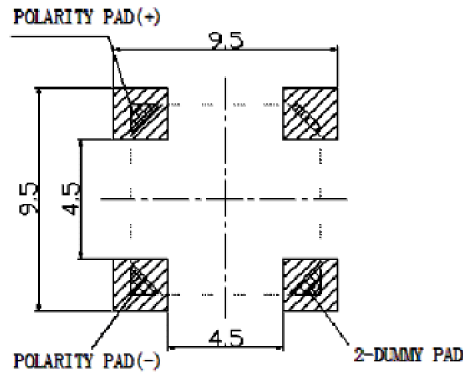
The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Challenge Electronics reserves the right to make changes in any specification, data or material contained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

CT08E-04S273-9

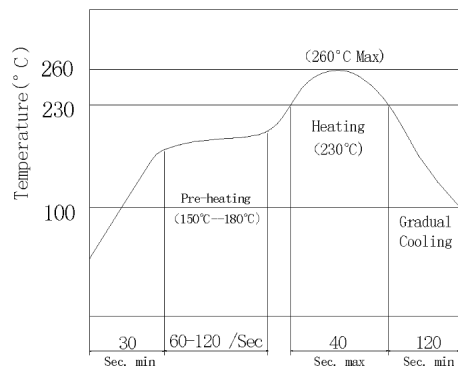
Former P/N: CEET085M030-16-2545-27MR

 Rev. 4-2023
 RoHS3 & REACH
 Electromagnetic Sound Transducers


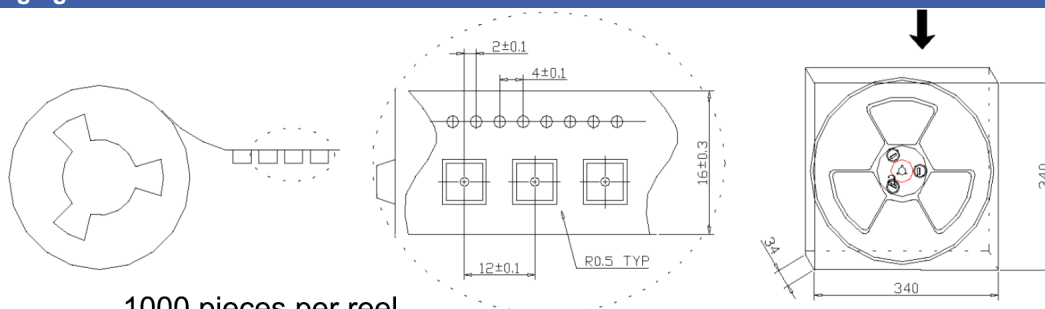
Recommended Footprint



Recommended Reflow Profile



Tape & Reel Packaging



1000 pieces per reel
 5 reels, each sealed in an anti-static bag vacuumized
 5000 pieces total in the box

Revision	Description	By	Date
3-2020	Updated minimum SPL at Vrated from 88 ± 2 dB to 88 dB.	WS	2020-05-08
4-2023	Updated weight from 0.6g to 0.396g. Added reflow profile and packaging details.	AL	2023-01-11

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.