

CT08E-04S270-10

Rev. 0-2025
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	17 ± 3 Ω
Max Current at V Rated	100 mA

ACOUSTIC

Min SPL at V Rated	94 dB
Test Conditions	10 cm
f_0	2700 Hz



Physical Characteristics

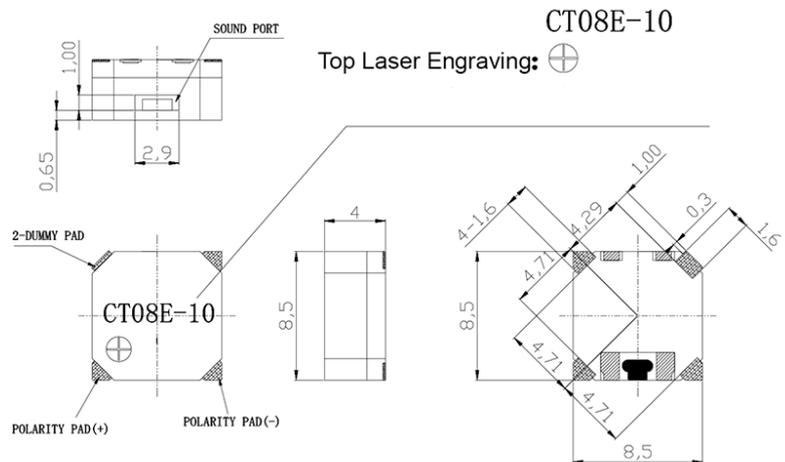
MATERIAL

Housing	Black LCP
Diaphragm	Iron
Magnet	NdFeB
Solder Pad	Brass

TEMPERATURE RANGES

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

Weight 0.6 g



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

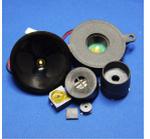
Revision	Description	By	Date
0-2024	Original Specification	KG	2025-01-03

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.

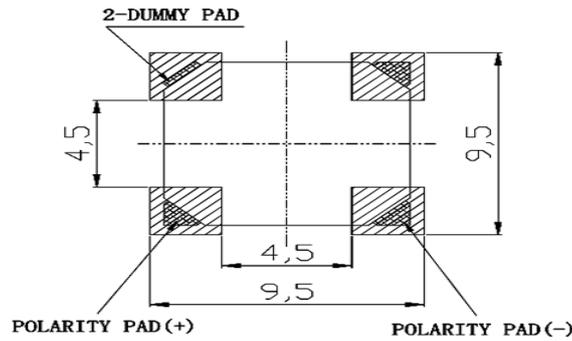
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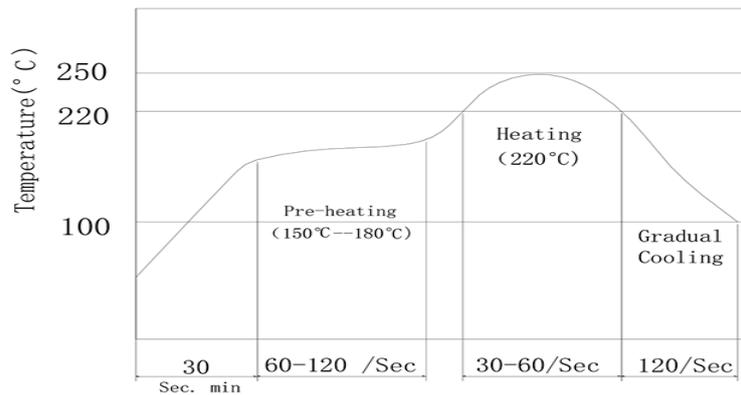
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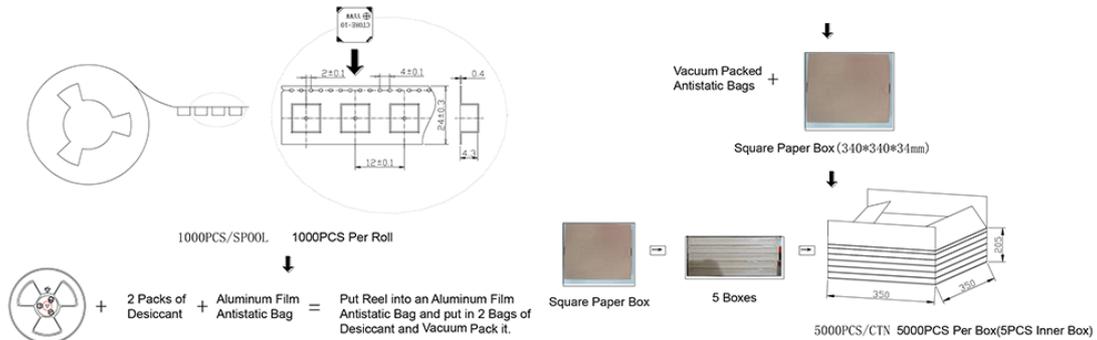
Recommended Footprint



Recommended Reflow Profile



Tape & Reel Packaging



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