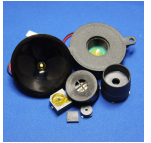


## CT09P-30S480-1

Rev. 0-2026  
 RoHS3 & REACH  
 Piezoelectric Sound Transducers



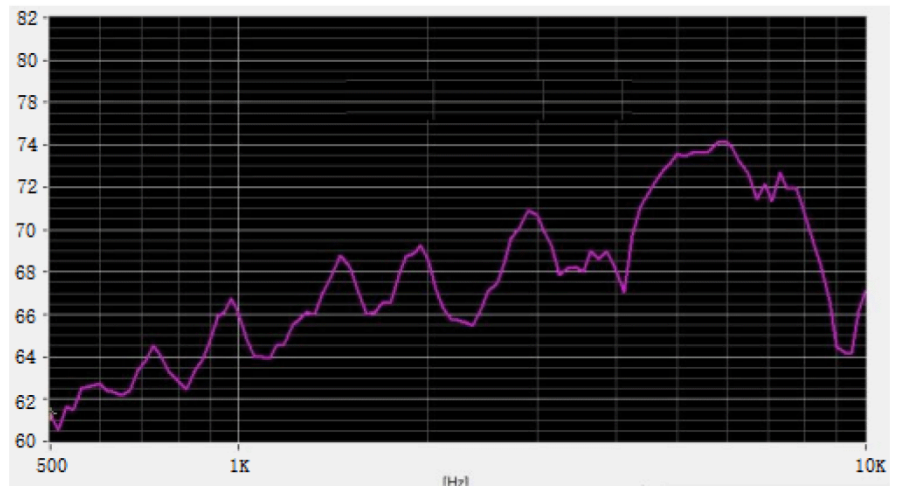
### Operating Characteristics

#### ELECTRICAL

Rated Voltage	5 Vp-p
Max Operating Voltage	30 Vp-p
Max Current at V Rated	5 mA
Capacitance	13,000 pF ± 30 % 1,000 Hz

#### ACOUSTIC

Min SPL at V Rated	72 dB
Test Conditions	10 cm
$f_0$	4,800 Hz



### Physical Characteristics

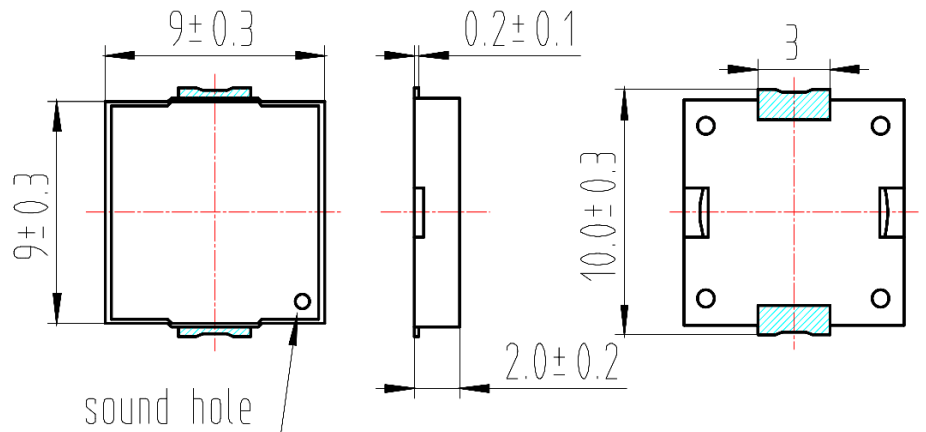
#### MATERIALS

Housing	Black LCP
Diaphragm	Ni-Alloy + Ceramic
Solder Pad	Tin Plated Brass

#### TEMPERATURE RANGES

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

Weight	0.2 g
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General tolerance =  $\pm 0.3$  mm and all measurements in mm unless otherwise noted.

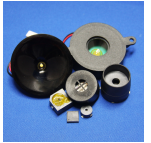
Revision	Description	By	Date
0-2026	Original Specification	KG	2026-05-06

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.

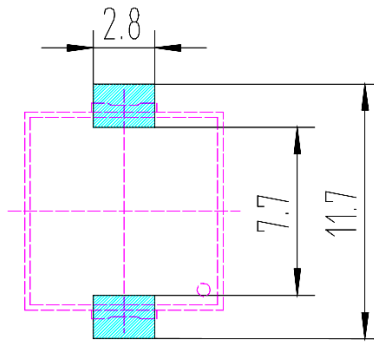
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## CT09P-30S480-1

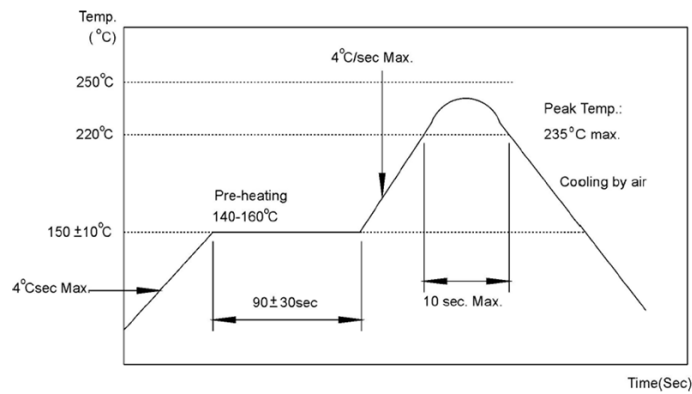
Rev. 0-2026  
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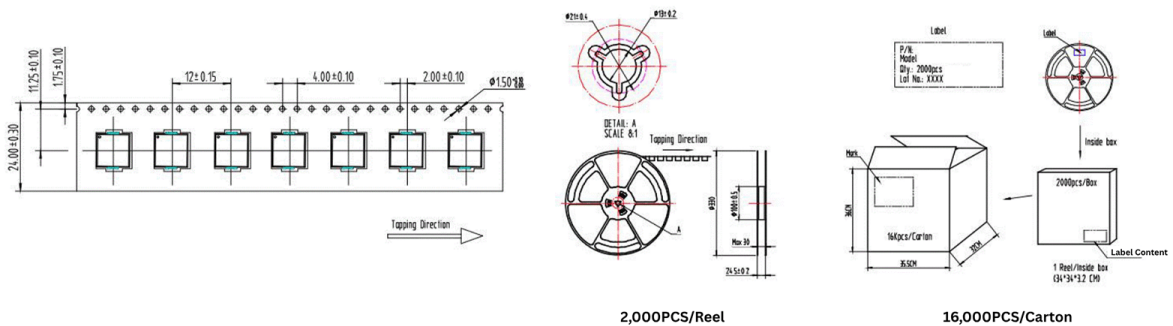
### Recommended Footprint



### Recommended Reflow Profile



### Tape & Reel Packaging



Revision	Description	By	Date
0-2026	Original Specification	KG	2026-05-06

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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