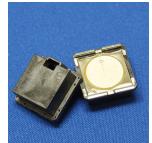


## CT18P-18S200-1

Rev. 3-2026  
RoHS3 & REACH  
Piezoelectric Sound Transducers



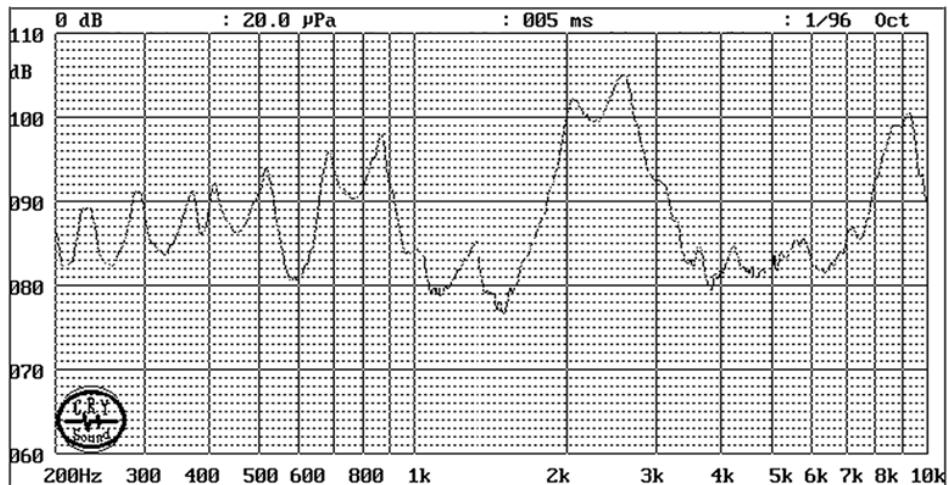
### Operating Characteristics

#### ELECTRICAL

Rated Voltage	12 Vp-p
Max Operating Voltage	18 Vp-p
Max Current at V Rated	5 mA
Capacitance	25000 pF $\pm$ 30 % 100 Hz

#### ACOUSTIC

Typ SPL at V Rated	100 dB
Min SPL at V Rated	90 dB
Test Conditions	10 cm
$f_0$	2,000 Hz



### Physical Characteristics

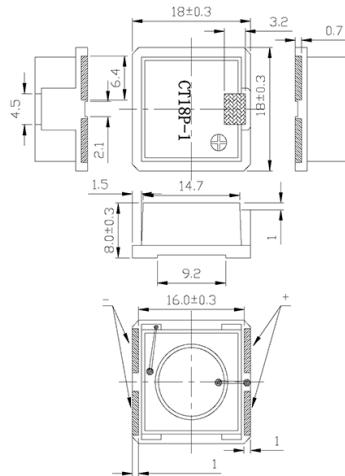
#### MATERIALS

Housing	Black PPS
Diaphragm	Nickel Alloy
Solder Pad	Tin Plated Brass

#### TEMPERATURE RANGES

Operating	-40 to +105 °C
Storage	-40 to +105 °C

Weight	1 g
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General tolerance =  $\pm 0.2$  mm and all measurements in mm unless otherwise noted.

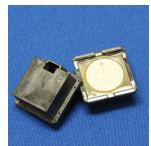
Revision	Description	By	Date
2-2022	Updated mechanical drawing and footprint dimensions.	CT	2022-12-05
3-2026	Updated the weight from 3g to 1g.	KG	2026-01-14

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.

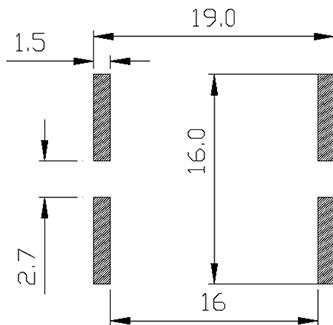
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## CT18P-18S200-1

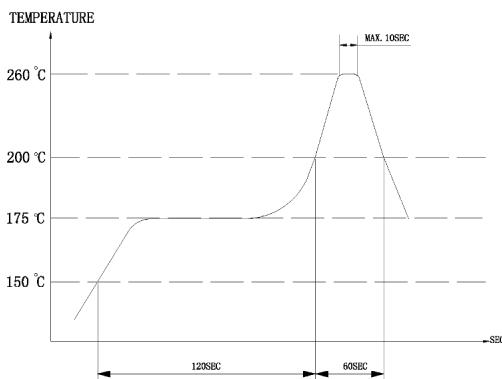
Rev. 3-2026  
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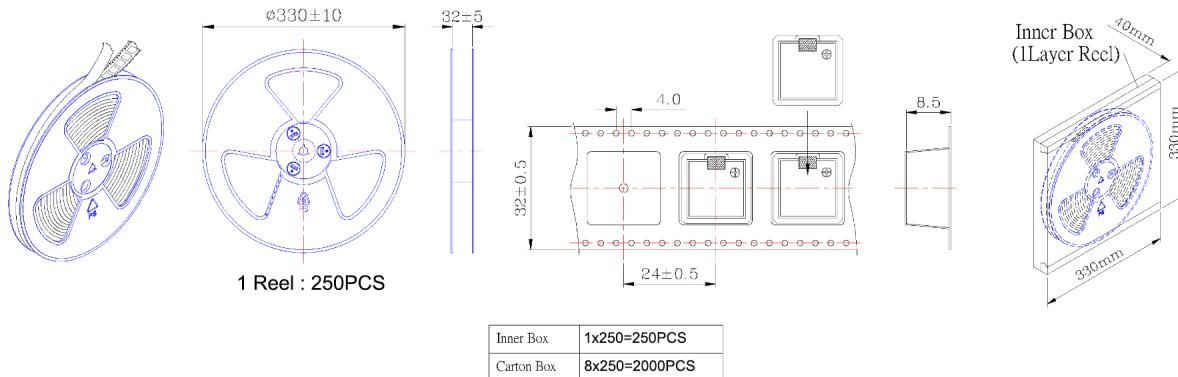
### Recommended Footprint



### Recommended Reflow Profile



### Tape & Reel Packaging



Revision	Description	By	Date
2-2022	Updated mechanical drawing and footprint dimensions.	CT	2022-12-05
3-2026	Updated the weight from 3g to 1g.	KG	2026-01-14

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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