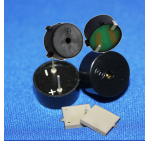


INDICATORS • SPEAKERS • SOUND TRANSDUCERS • ENCLOSURES • MICROPHONES • BATTERY ACCESSORIES

## CT09P-20S400-1

Former P/N: CEPT090L018-120-40MHR

Rev. 8-2019  
RoHS3 & REACH  
Piezoelectric Sound Transducers



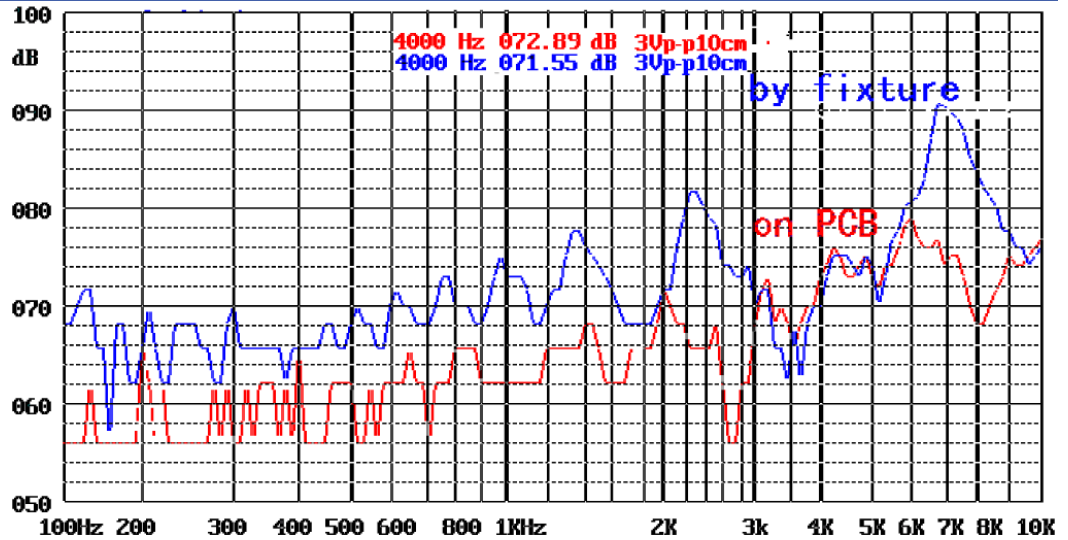
### Operating Characteristics

#### ELECTRICAL

Rated Voltage	3 Vp-p
Max Operating Voltage	20 Vp-p
Max Current at V Rated	1 mA
Capacitance	15000 pF ± 30 % 100 Hz

#### ACOUSTIC

Min SPL at V Rated	70 dB
Test Conditions	10 cm
f <sub>o</sub>	4000 ± 500 Hz



### Physical Characteristics

#### MATERIALS

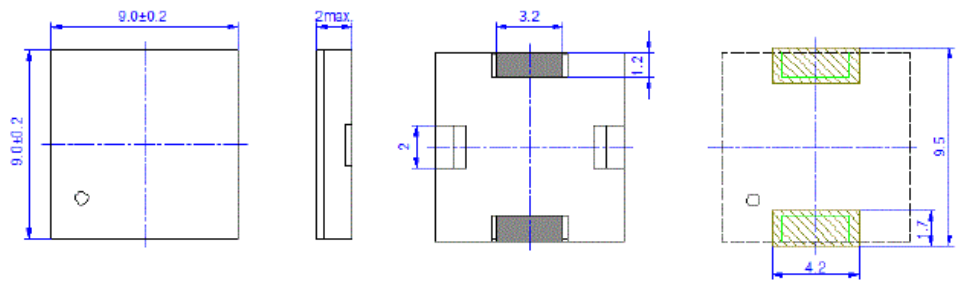
Housing	Plastic, LCP Vectra
Diaphragm	Ni Alloy Disc N50
Solder Pad	Tin Plated Brass

(Unit:mm, Tolerance: +/-0.3mm)

#### TEMPERATURE RANGES

Operating	-40 to +105 °C
Storage	-40 to +120 °C

Weight	0.18 g
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PCB Layout

Revision	Description	By	Date
7-2018	Updated weight from 0.18 g to 0.2 g. Updated dimensional drawing from 1.8 mm to 2.0 mm max height and updated tolerance from ±2 mm to ±3 mm. Added PCB layout to mechanical drawing. Updated description from 1.8 JL		2018-01-08
8-2019	Migrate to new format.	CF	2019-07-18

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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