CHALLENGE ELECTRONICS

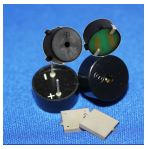
Tel: 1-800-722-8197
1-631-595-2217
Fax: 1-631-667-5484

EMAIL: sales@challelec.com
WEB: www.challengeelectronics.com
ISO 9001/14001:2015 Certified

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

CT11P-25S410-2

Rev. 0-2021
RoHS3 & REACH
Piezoelectric Sound Transducers



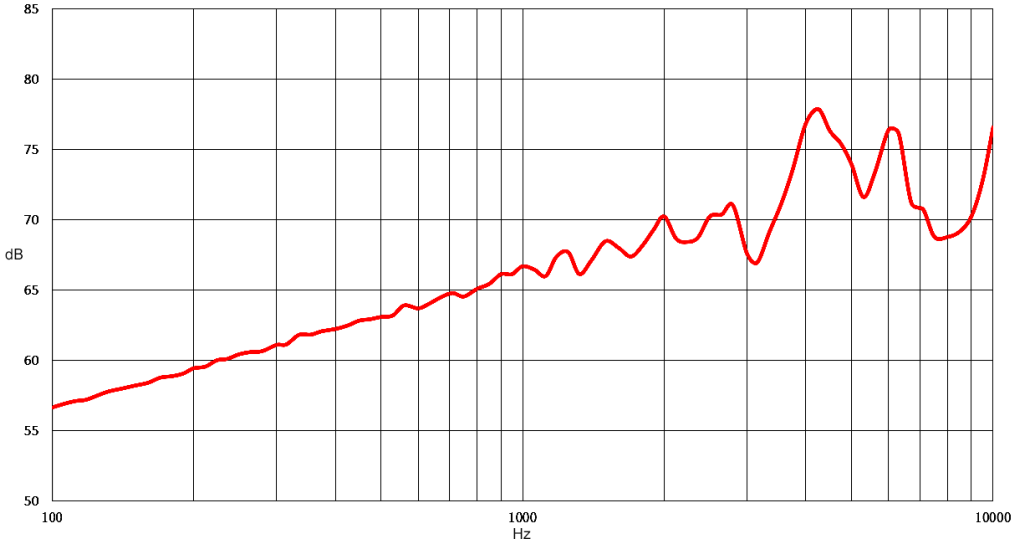
Operating Characteristics

ELECTRICAL

Rated Voltage	5 Vp-p
Max Operating Voltage	25 Vp-p
Max Current at V Rated	3 mA
Capacitance	13000 pF ± 30 % 120 Hz

ACOUSTIC

Min SPL at V Rated	70 dB
Test Conditions	10 cm
f_o	4100 Hz



Physical Characteristics

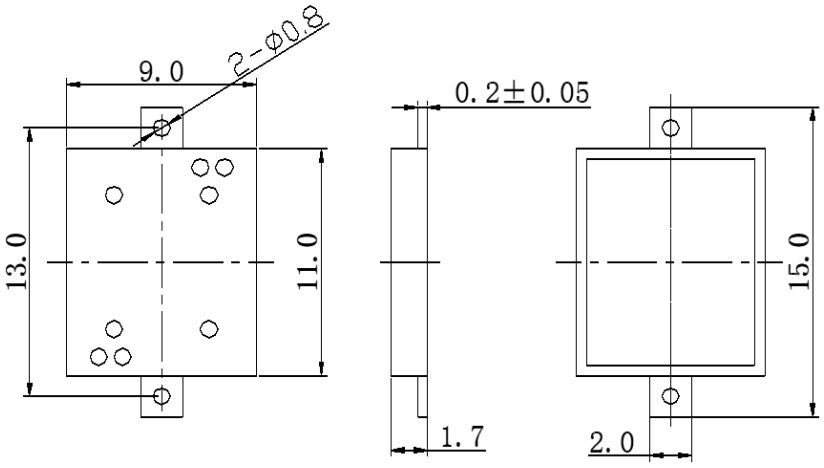
MATERIALS

Housing	LCP
Diaphragm	Nickel
Contact	Tin-plated Brass

TEMPERATURE RANGES

Operating	-30 to +70 °C
Storage	-40 to +85 °C

Weight 0.2 g



Tolerance:±0.5 (unit:mm), unless otherwise specified.

All Measurements are mm unless noted otherwise.

Revision	Description	By	Date
0-2021	Original Specification	JL	2021-04-19

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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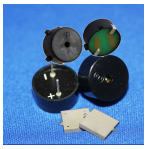
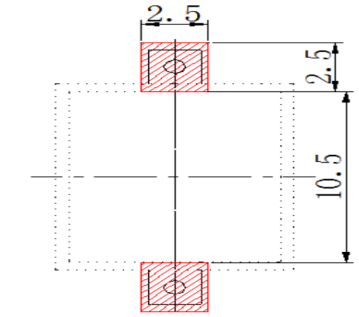
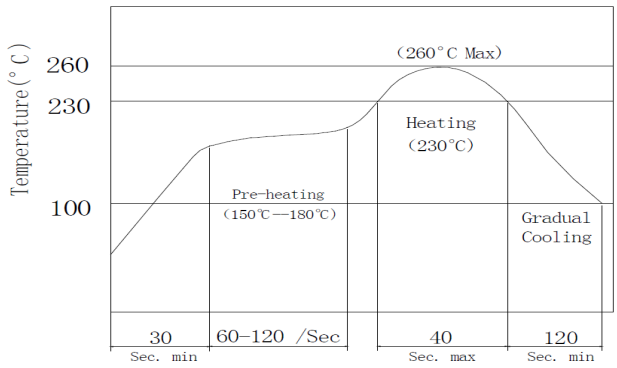


Recommended Footprint

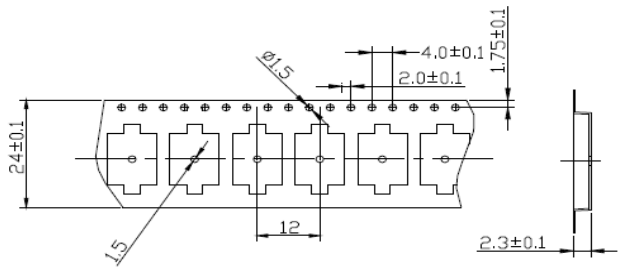


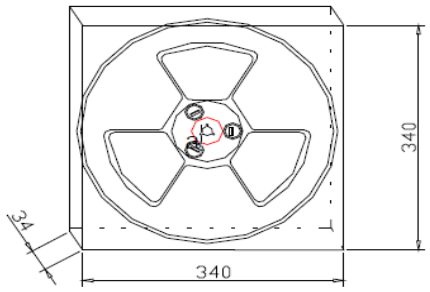
SMD REFLOW PATTERN

Recommended Reflow Profile



Tape & Reel Packaging





2000 Pcs/Reel

1 Reel/Inner Box

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