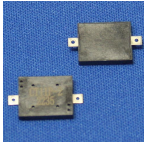


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 Rev. 1-2023
 RoHS3 & REACH
 Piezoelectric Sound Transducers


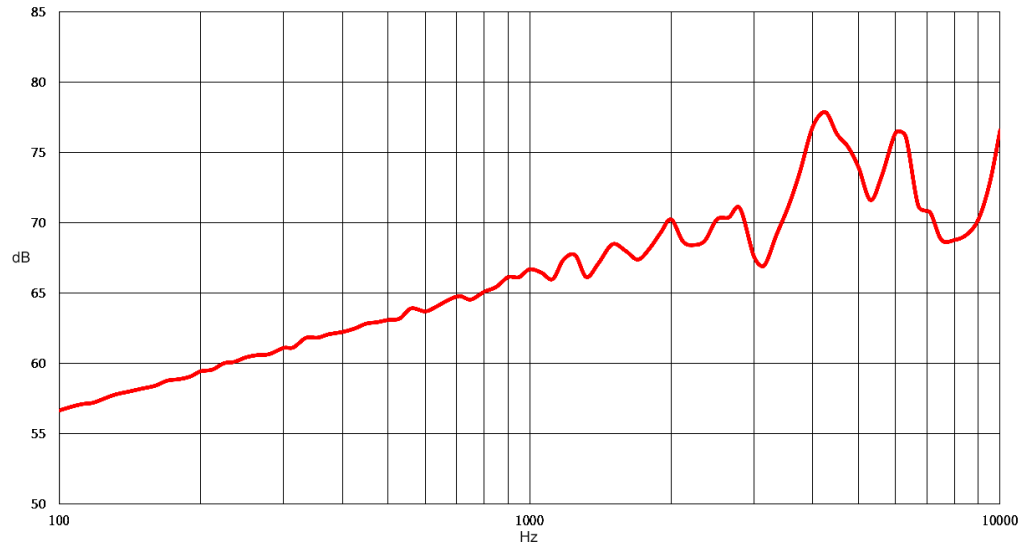
Operating Characteristics

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_0	4100 Hz



Physical Characteristics

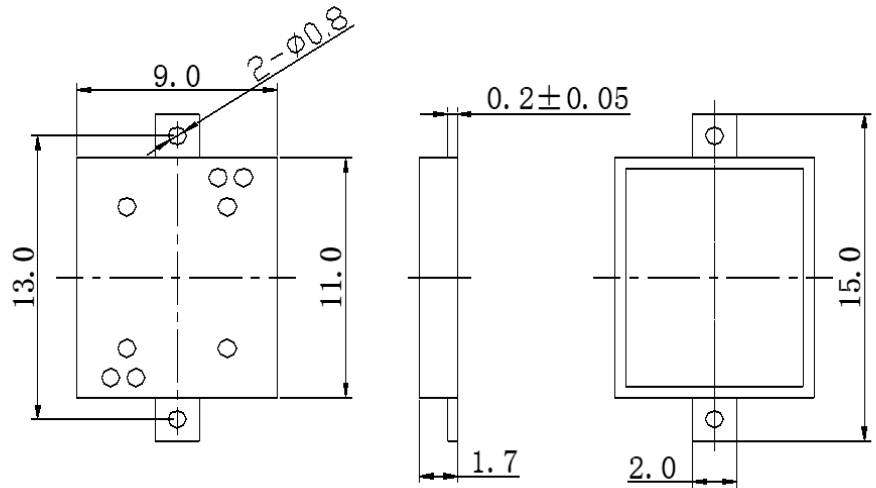
MATERIALS

Housing	LCP
Diaphragm	Nickel
Contact	Tin-plated Brass

TEMPERATURE RANGES

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

Weight	0.2 g
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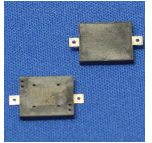
General tolerance = ±0.5 mm and all measurements in mm unless otherwise noted.

Revision	Description	By	Date
0-2021	Original Specification	JL	2021-04-19
1-2023	Updated photo.	CT	2023-01-24

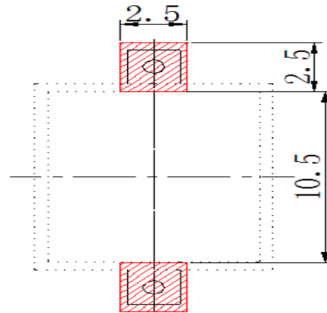
Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Challenge Electronics reserves the right to make changes in any specification, data or material contained herein.

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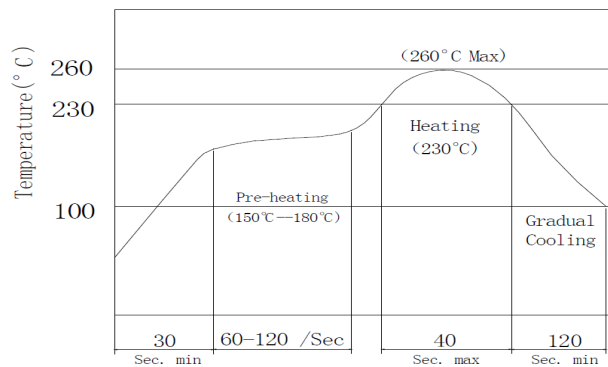
 Rev. 1-2023
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 Piezoelectric Sound Transducers


Recommended Footprint

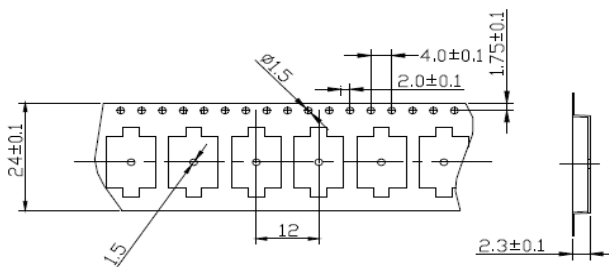


SMD REFLOW PATTERN

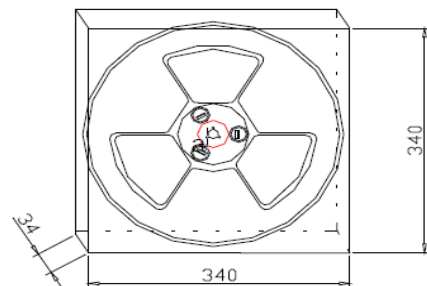
Recommended Reflow Profile



Tape & Reel Packaging



2000 Pcs/Reel



1 Reel/Inner Box

Revision	Description	By	Date
0-2021	Original Specification	JL	2021-04-19
1-2023	Updated photo.	CT	2023-01-24

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