

CT31P-30W520-1

Rev. 2-2026
RoHS3 & REACH
Piezoelectric Sound Transducers

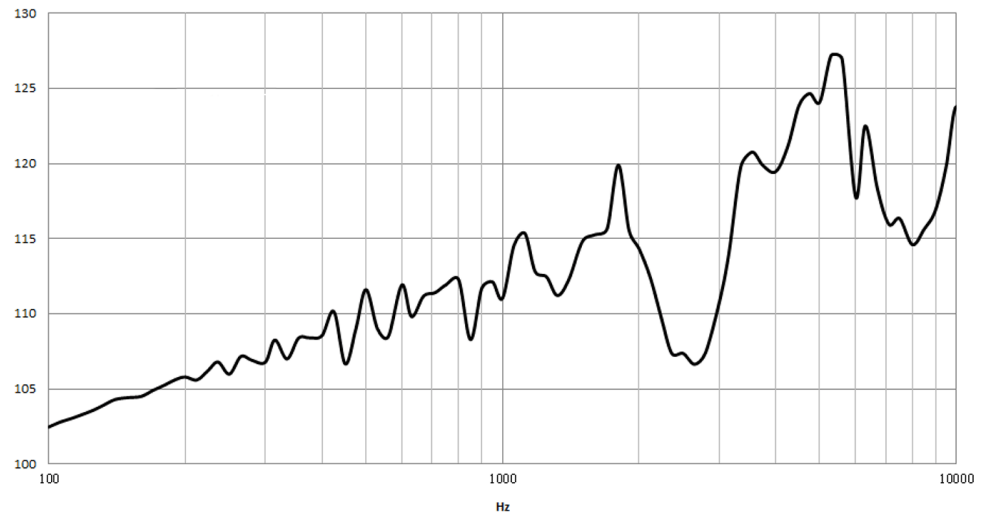

Operating Characteristics

ELECTRICAL

Rated Voltage	18 Vp-p
Max Operating Voltage	30 Vp-p
Max Current at V Rated	10 mA
Capacitance	160000 pF $\pm$ 30 % 120 Hz

ACOUSTIC

Min SPL at V Rated	120 dB
Test Conditions	10 cm
f_0	5,200 Hz



Physical Characteristics

MATERIALS

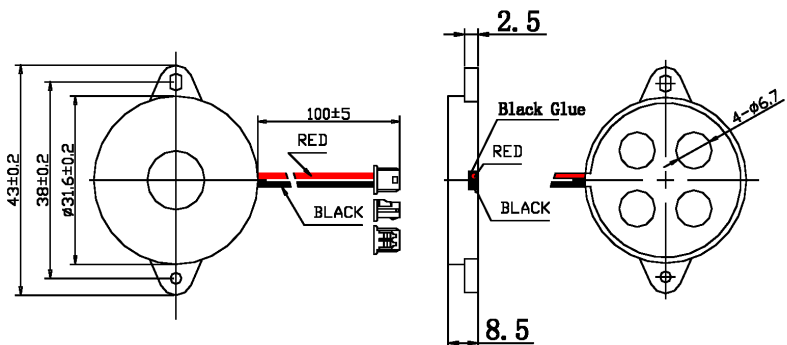
Housing	ABS
Diaphragm	Brass
Wire	UL1571, 28 AWG
Connector	Molex: 51021-0200 or eq.

TEMPERATURE RANGES

Operating	-20 to +60 °C
Storage	-30 to +70 °C

Weight 4.3 g

Unless otherwise specified, tolerance: ± 0.5 (unit: mm)



All measurements in mm unless otherwise noted.

Revision	Description	By	Date
1-2023	Added part image.	SK	2023-05-08
2-2026	Updated the weight from 5g to 4.3g.	KG	2026-07-09

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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