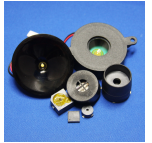


CT25E-14T31-1

Rev. 0-2025
RoHS3 & REACH
IEC 60601-1-8 Medical Alarm Compliant
Electromagnetic Sound Transducers



Operating Characteristics

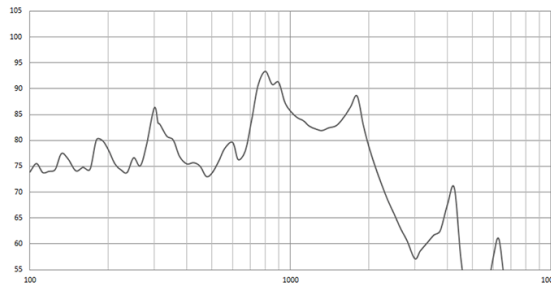
ELECTRICAL

Rated Voltage	12 Vo-p
Operating Voltage	8 to 14 Vo-p
Coil Resistance	120 ± 16 Ω
Max Current at V Rated	55 mA

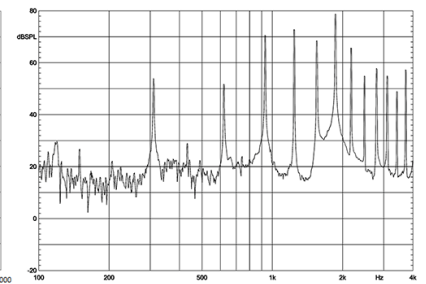
ACOUSTIC

Typical Loudness at V Rated	90-105 dB
Control Loudness at V Rated	80 dB
Test Conditions	10 cm
Recommended Drive Frequency	310 Hz

Frequency Response



IEC Compliant Spectrum



Physical Characteristics

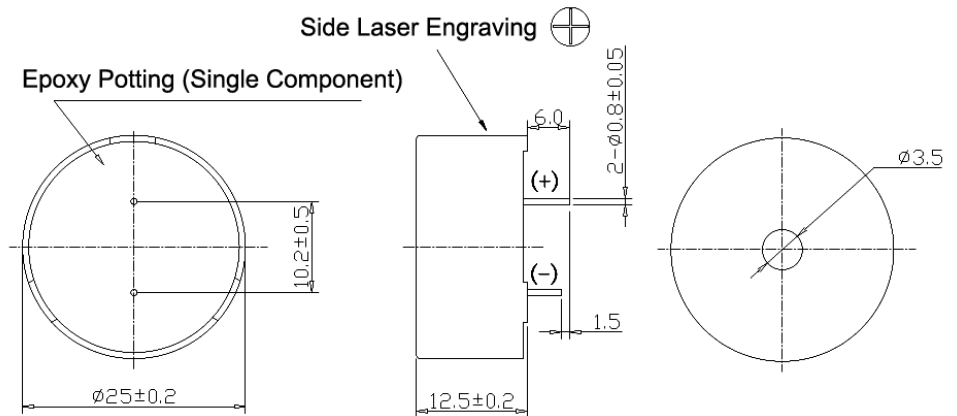
MATERIAL

Housing	Noryl
Diaphragm	Iron
PC Pin	Red Copper (DSn)

TEMPERATURE RANGES

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

Weight 10 g



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

Revision	Description	By	Date
0-2025	Original Specification	KG	2025-08-14

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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*IEC 60601-1-8 compliance is assured by design and not production tested.

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