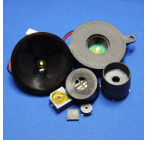


CT12E-02T240-1

Former P/N: CEET12A090-16-102-24P65LR

Rev. 5-2025
RoHS3 & REACH
Electromagnetic Sound Transducers



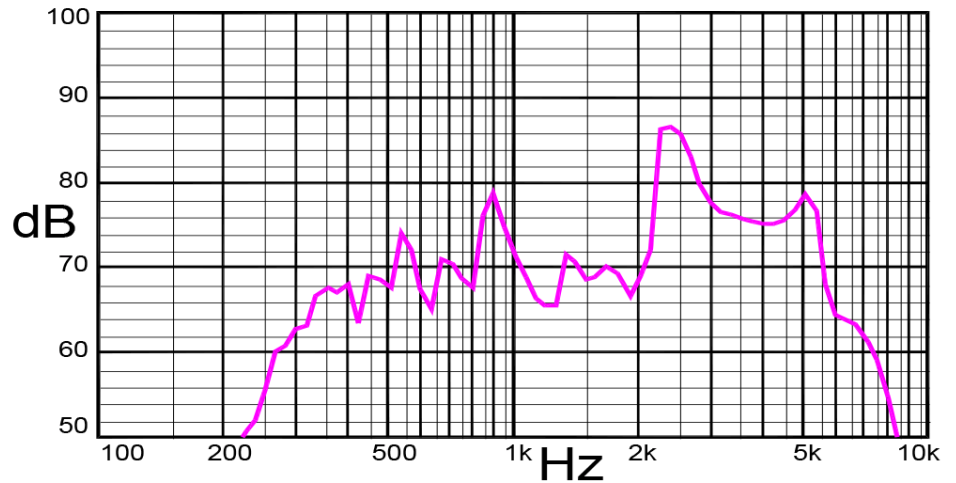
Operating Characteristics

ELECTRICAL

| | |
|------------------------|-------------|
| Rated Voltage | 1.5 Vo-p |
| Operating Voltage | 1 to 3 Vo-p |
| Coil Resistance | 16 ± 4 Ω |
| Max Current at V Rated | 30 mA |

ACOUSTIC

| | |
|--------------------|----------|
| Min SPL at V Rated | 80 dB |
| Test Conditions | 10 cm |
| f_o | 2,400 Hz |



Physical Characteristics

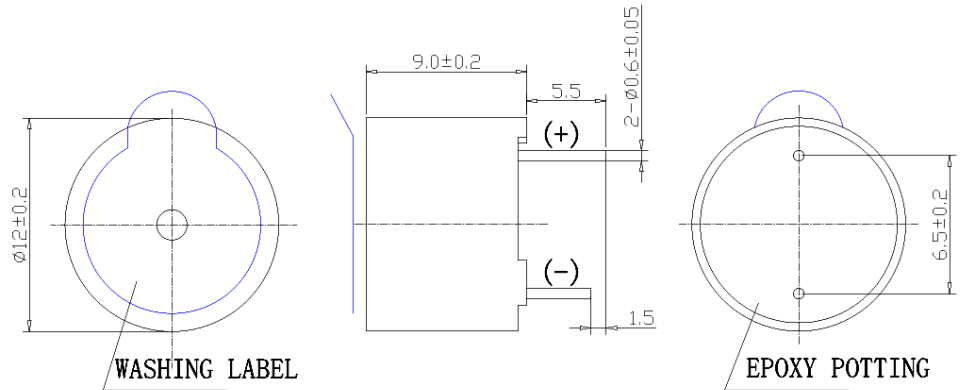
MATERIAL

| | |
|---------------------|------------------|
| Housing | PBT |
| Diaphragm | Iron |
| PC Pin | Red Copper (DSn) |
| Wash Label Included | |

TEMPERATURE RANGES

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

Weight 2 g



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

| Revision | Description | By | Date |
|----------|---|----|------------|
| 4-2019 | Migrate to new format | JL | 2019-06-21 |
| 5-2025 | Updated operating voltage range from 1-2V to 1-3V. Updated housing and PC Pin material. Updated the mechanical drawing. | KG | 2025-10-15 |

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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