

Active Buzzer 24V, 2.3kHz

Product codes:

Reference: AM1550

EAN13: -

UPC: 85013100

Product features:

Voltage: 24 V DC

Frequency: 2.3 kHz

Product attributes:

Product description:

The TMB-12A24 active buzzer is an electronic component for acoustic signaling in low-voltage DC circuits. Thanks to its built-in electronics, it generates a sound signal upon the application of a supply voltage without the need for an external oscillator. It is suitable for device status signaling, alerts, and simple sound indications on a printed circuit board (PCB).

Technical specifications

- Type: TMB-12A24
- Design: Active buzzer
- Power supply: Direct current (DC)
- Operating voltage: 18-26 V DC
- Maximum current: 10 mA
- Signaling frequency: 2.3 kHz
- Volume: 85 dB measured at a distance of 10 cm
- Operating temperature: -20 to 70 °C
- Dimensions: 12 x 9.5 mm
- Terminals: Two-pin design for PCB mounting

Features and characteristics

- Active design with self-generating tone upon connection of power supply.
- Suitable for direct use in DC-powered circuits within the specified range.



- Compact cylindrical housing for installation in electronic devices.
- Acoustic output with a fixed signaling frequency.
- Polarized connection requiring strict adherence to the correct power supply polarity.

Ideal for

- Acoustic status signaling of electronic devices.
- Warning and informational sound indications in control circuits.
- Mounting into printed circuit boards (PCBs).
- Service, development, and prototype electronic applications with DC power supply.

Package contents

- 1x TMB-12A24 active buzzer

Why choose this product

- The active buzzer does not require an external tone generator.
- Power supply, current, volume, and frequency parameters are specified for easy integration into circuit design.
- The two-pin design allows for easy mounting onto a PCB.
- Dimensions and low weight are suitable for compact electronic devices.

Installation and operating instructions

- Observe the polarity marked on the component housing when wiring.
- Power only with DC voltage within the specified operating range.
- Mount the component on the PCB in a way that prevents mechanical stress on the terminals.
- Before putting into operation, verify the correct wiring and the supply voltage value.

Safety warnings

- Incorrect polarity or exceeding the permitted supply voltage will damage the component.
 - In the event of a short circuit or incorrect wiring, there is a risk of the component overheating or damaging the power supply circuit.
 - Perform installation and wiring only when the power supply is disconnected.
 - The product is an electronic component intended for professional installation into electrical equipment.
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