

# Capacitor 250V, 2200uF

## Product codes:

Reference: AM5231

EAN13: -

UPC: 85415100

## Product features:

Capacity: 2200 uF

Rated voltage: 250 V

Waterproof grade: IP00



## Product attributes:

## Product description:

Radial electrolytic capacitor designed for use in electronic and power circuits where higher capacitance at DC voltage is required. The product is suitable for filtering, smoothing and stabilizing the supply voltage in devices corresponding to its parameters. The marking on the casing allows for unambiguous identification of polarity during assembly.

## Technical specifications

- Component type: electrolytic capacitor
- Capacity: 2200 µF
- Rated voltage: 250 V
- Temperature class: 105 °C
- Terminal design: radial
- Polarized version: yes
- Negative pole marking on the casing: yes
- Series designation on the casing: HP (M)

## Functions and features

- It serves to accumulate electric charge and smooth out voltage changes in the circuit.
  - The polarized design is designed for connection with correct polarity.
  - Radial leads are suitable for mounting on printed circuit boards.
  - The casing is provided with clearly legible markings of basic
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parameters and polarity.

- Temperature resistance of 105°C extends usability in thermally stressed applications within the parameters of the component.

#### **Ideal for**

- Filtering and smoothing stages of power supplies.
- DC power circuits with higher capacity requirements.
- Service, repair and replacement of worn electrolytic capacitors.
- Electronic devices where appropriate electrical and thermal parameters of the component are required.

#### **Package contents**

- 1 pc of PTCON electrolytic capacitor

#### **Why choose this product?**

- Clearly marked capacity, voltage and temperature class directly on the component body.
- Radial design for common mounting in electronic assemblies.
- The polarity is visibly marked on the casing, making it easier to connect correctly.
- The capacitor is suitable for applications where it is necessary to combine high capacitance and higher rated voltage.

#### **Installation and operating instructions**

- Before installation, verify the capacity, rated voltage, polarity, and terminal spacing according to the device requirements.
- Install the capacitor only with the correct polarity.
- When soldering, avoid excessive thermal stress on the leads and body of the component.
- Use only in circuits where operating conditions do not exceed the component's ratings.

#### **Safety notice**

- The component is intended for use in electrical circuits and improper use may result in damage to the device, overheating, or destruction of the capacitor.
  - There is a risk of electric shock at this voltage level. Only perform installation and service when the power supply is disconnected.
  - The capacitor may remain charged even after the circuit is disconnected. Ensure it is safely discharged before handling.
  - Incorrect polarity or exceeding the rated voltage may lead to component failure.
  - Professional installation is recommended for use in high-voltage
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equipment.

**Product gallery:**