

Capacitor 450V, 680uF

Product codes:

Reference: AM6039

EAN13: -

UPC: 85415100

Product features:

Capacity: 680 uF

Rated voltage: 450 V

Waterproof grade: IP00



Product attributes:

Product description:

Aluminum electrolytic capacitor is intended for general use in electronic and power circuits. It is used to filter, smooth and accumulate electric charge in devices with appropriate operating parameters. The version with terminals for mounting through holes in the printed circuit board is suitable for installation in devices where a solid mechanical mounting of the component is required.

Technical specifications

- Component type: aluminum electrolytic capacitor
- Capacity: 680uF
- Rated voltage: 450 V
- Operating temperature: 105°C
- Design: solid capacitor
- Mounting: through-hole
- Application: general purpose
- Case color: black
- Dimensions given in the entry: 35 x 50 mm

Functions and features

- Polarized electrolytic capacitor for use in matching DC circuits.
 - Cylindrical housing with electrical parameters printed on the casing.
 - Pins designed for through-hole mounting into a printed circuit board.
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- Designed for general electronic applications where higher capacitance at high rated voltage is required.

Ideal for

- Filtering and smoothing parts of power supplies.
- Repairs and servicing of electronic devices.
- Installation and replacement of components in industrial and hobby electronics.
- Circuits requiring through-hole mounting of an electrolytic capacitor.

Package contents

- Aluminum electrolytic capacitor

Why choose this product?

- Clearly marked capacity and rated voltage directly on the case.
- Through-hole mounting suitable for fixed installation into the board.
- Operating temperature 105°C for use in thermally stressed applications.
- Suitable design for general use in electronic power supply and filter circuits.

Installation and operating instructions

- When installing, it is necessary to observe the correct polarity of the component.
- Only install the capacitor in a circuit with parameters corresponding to its rated voltage and capacitance.
- When soldering, avoid excessive thermal stress on the leads and housing.
- Before manipulating the circuit, verify that the capacitor is safely discharged.

Safety notice

- The component is intended for use in high-voltage circuits. Improper use may result in electric shock or damage to the equipment.
 - If the polarity is reversed, the rated voltage is exceeded or there is a risk of overheating, electrolyte leakage or component destruction.
 - Only perform installation and replacement when the power supply is disconnected and the capacitor is discharged.
 - Professional installation is recommended for use in high-voltage equipment.
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Product gallery: