

Vertical Trimmer, 5mm, RM-063

Product codes:

Reference: AM5355

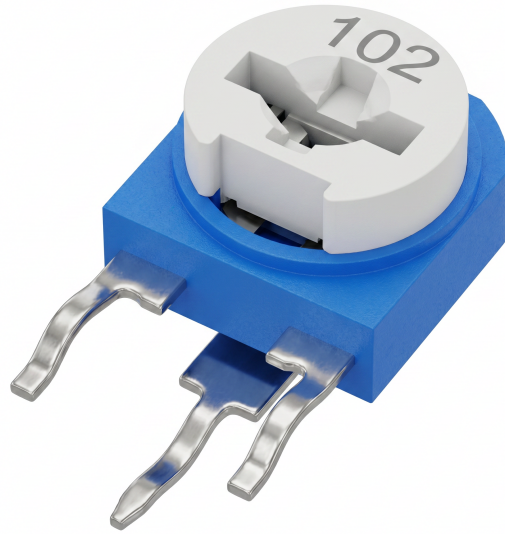
EAN13: -

UPC: 85332900

Product features:

Tolerance: 20%

Weight: 0.2 g



Product attributes:

Resistance: 101, 100 Ohm, 100R, 201, 200 Ohm, 200R, 501, 500 Ohm, 500R, 102, 1 kOhm, 1K, 202, 2 kOhm, 2K, 502, 5 kOhm, 5K, 103, 10 kOhm, 10K, 203, 20 kOhm, 20K, 503, 50 kOhm, 50K, 104, 100 kOhm, 100K, 204, 200 kOhm, 200K, 504, 500kOhm, 500K, 105, 1 mOhm, 1 m

Product description:

The RM-063 vertical carbon trimmer is a single-turn adjustment potentiometer designed for mounting into electronic circuits. It is used for manual adjustment of the resistance value within the selected variant, for example during calibration, fine-tuning, or service adjustment of a circuit.

Technical Specifications

- Type: Carbon trimmer
 - Design: Vertical
 - Model designation: RM-063
 - Size: 5 mm
 - Adjustment axis: Vertical
 - Number of turns: 1
 - Adjustment angle: $200^\circ \pm 20^\circ$
 - Resistance tolerance: $\pm 20\%$
 - Maximum voltage: 50 V DC
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- Power dissipation: 0.1 W
- Dimensions: 6.4 x 5.2 x 11.3 mm
- Pin pitch: 5 mm

Features and Functions

- Allows manual resistance adjustment using the top adjustment slot.
- Single-turn design is suitable for basic fine-tuning of values in a circuit.
- Vertical design saves footprint space on the printed circuit board (PCB).
- The three-pin design allows the trimmer to be used as an adjustable voltage divider or variable resistor depending on the wiring.
- The product is supplied in the selected resistance variant.

Ideal For

- Calibration and adjustment circuits in electronics.
- Service repairs and replacement of trimmers with identical type and parameters.
- Development prototypes and laboratory wiring.
- Printed circuit boards requiring vertical trimmer adjustment.

Package Contents

- 1x Vertical carbon trimmer RM-063 in the selected resistance variant.

Why Choose This Product

- The listed parameters allow selection based on resistance value, tolerance, voltage limit, and power dissipation.
- The vertical design with a top adjustment axis allows tuning from above after mounting on the board.
- The 5 mm pin pitch makes it easy to verify suitability for a specific design or replacement.
- Various resistance values enable use in different types of adjustment circuits.

Installation and Operation Guidelines

- Before mounting, verify the compatibility of the resistance value, pin pitch, and mechanical design with your application.
 - During soldering, avoid excessive thermal stress on the casing and pins.
 - Perform adjustments using a suitable tool, without applying excessive force to the adjustment mechanism.
 - Mounting and wiring into electrical equipment should be performed by a person with knowledge of electronic circuits.
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Safety Warnings

- Do not exceed the maximum voltage of 50 V DC or power dissipation of 0.1 W.
- Incorrect wiring or overloading can cause overheating, component damage, or failure of the connected circuit.
- Do not mount or modify the component in a live circuit.
- Before putting the device into operation, check the circuit wiring polarity, mechanical seating, and the quality of solder joints.

Product gallery:

