

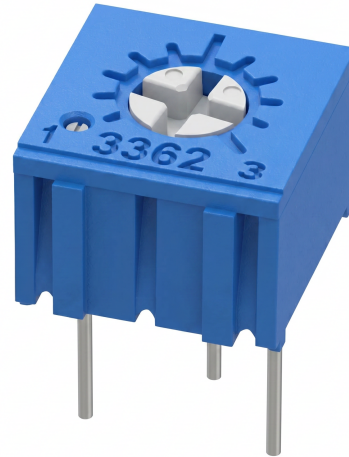
Trimmer 3362P-1

Product codes:

Reference: AM0420

EAN13: -

UPC: 85332900



Product features:

Temperature coefficient: ± 250 ppm/ $^{\circ}$ C

Tolerance: 10%

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 3362P-1 trimmer is a single-turn linear preset potentiometer designed for PCB mounting. It is used to adjust the resistance value in electronic circuits, for example during calibration, operating point correction, or signal level adjustment. The vertical adjustment slot allows top access to the control element after mounting on a PCB.

Technical Specifications

- Type: Trimmer, preset potentiometer
 - Model designation: 3362P-1
 - Characteristic: Linear
 - Resistance tolerance: $\pm 10\%$
 - Power rating: 0.5 W
 - Adjustment axis: Vertical
 - Number of turns: 1
 - Adjustment angle: $200^{\circ} \pm 20^{\circ}$
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- Dimensions: 6.6 × 6.4 × 4.7 mm
- Pin pitch: 2.54 mm
- Temperature coefficient: ±250 ppm/°C
- Mounting: Through-hole (THT) for PCB

Features and Functions

- Single-turn resistance adjustment.
- Vertical adjustment axis for top-side access.
- Through-hole design with a pin pitch suitable for PCB mounting.
- Compact package for use in electronic modules and small devices.
- Available in multiple resistance variants for various circuit designs.

Ideal For

- Adjusting and fine-tuning analog electronic circuits.
- Calibration elements in measurement and control circuits.
- Development, service, and laboratory applications.
- PCB mounting in devices requiring manual resistance adjustment.

Package Contents

- 1× 3362P-1 trimmer in the selected resistance variant

Why Choose This Product

- Clearly specified resistance tolerance, power rating, dimensions, and pin pitch to verify suitability for your PCB design.
- Single-turn design is suitable for manual value adjustment without the need for a multi-turn mechanism.
- The vertical axis makes adjustment easy when accessing from the top of the board.
- Multiple resistance variants allow you to choose the exact value for your specific circuit.

Installation and Operating Instructions

- Before mounting, verify the selected resistance value, pinout, and allowable power rating for your specific circuit.
- Solder the component using methods suitable for through-hole electronic parts and avoid excessive thermal stress on the package.
- Perform adjustments using a suitable screwdriver without applying excessive force to the control element.
- Installation into electrical equipment must be performed by a person with knowledge of working with electronic circuits.

Safety Warnings

- Do not exceed the 0.5 W power rating; overloading may cause
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overheating and damage to the component.

- Incorrect pin wiring, short circuits, or use outside the circuit design parameters can lead to damage to the trimmer or connected components.
- When used in circuits with hazardous voltage, the device must be disconnected from the power supply before mounting, soldering, or adjusting.
- The component is not intended to be adjusted in a powered device unless the device's design ensures safe access to the control element.

Product gallery:

