

Axial Through-Hole Resistor

This fixed resistor is an electronic component designed to offer a specific electrical resistance. It features a color-coded band system to indicate its resistance value, tolerance, and sometimes its reliability or failure rate.



Overview

High-Reliability Axial Through-Hole Resistor

This axial through-hole resistor is a foundational electronic component engineered to provide precise electrical resistance within circuit boards. Featuring a durable cylindrical body and standard axial leads, it ensures seamless integration and high stability in various electronic applications. The clear color-coded band system allows for rapid identification of resistance values and tolerance levels, making it an essential choice for controlling current and dividing voltage in professional electronic designs.

Technical Specifications

Mounting Style	Through-Hole
Component Type	Fixed Resistor
Identification	Color-coded bands, Axial leads

Applications

Core Circuit Functions

- Current regulation
- Voltage division
- General circuit biasing