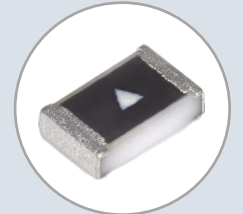


New Product Introduction

Thick Film Chip Resistors (Super High Precision Type)



Thin Film Level Reliability—Now More Cost Efficient

Panasonic Industry, a worldwide leader in Resistor Products, introduces the new **Super High Precision Thick Film Chip Resistors Series**. Engineered to bridge the performance gap between conventional thick film and thin film resistors. Designed using proprietary thick film materials and advanced process engineering, this new Series achieves thin film-level comparable precision while delivering up to twice the power capability of conventional Thick Film Resistors.

The **Thick Film Chip Resistors (Super High Precision Type) Series** of Resistors are engineered to meet demanding requirements of industrial, automotive, and high-reliability applications. They provide exceptional stability, combined with superior environmental durability and robust resistance to ESD and corrosion, ensuring long-term performance in harsh operating conditions.

Features and Benefits

- High Precision – Thin Film Level Comparable Precision - $\pm 0.1\%$ Tolerance and $\pm 25 \times 10^{-6}/K$ TCR
- High Reliability - Stability with Resistance Change Rate Within $\pm 0.2\%$
- High Power 0.20 W : 0603 inch / 1608 mm size (ERJPC3), 0.25 W : 0805 inch / 2012 mm size (ERJPC6)
- Reference Standard - IEC 60115-8, JIS C 5201-8, JEITA RC-2134C
- AEC-Q200 Compliant
- RoHS Compliant
- Manufactured Using Lead Free Materials for An Eco-Conscious Design
 - Under Preparation for Full Compliant Lead-Free Resistor without RoHS Exemption

Industries

- Automotive
- Industrial
 - Factory Automation
 - Transportation
 - Energy
- ICT
- Robotics

Applications

- Operational Amplifier Circuits
- Voltage Divider Circuits
- Voltage and Current Sensing Circuits
- DCDC
- Sensor/Camera
- Battery/Motor