

Panasonic

New Product Introduction

ERJ-UP6 Series

Anti-Sulfurated Thick Film Chip Resistors, Anti-Surge Type



Higher Power, Anti-Surge Resistors For Challenging, Harsh Environments

Panasonic, a worldwide leader in Resistor Products, introduces the **NEW ERJ-UP6 Series Anti-Sulfurated Thick Film Chip Resistors, Anti-Surge Type**. Extremely durable in challenging or unclean, harsh environments, the **NEW ERJ-UP6 Series** provides anti-sulfurization characteristics that avoid an open circuit caused by a sulfide disconnection. High resistance to sulfurization is achieved through the use of an anti-sulfurated electrode structure and material in the manufacture of **ERJ-UP6 Series** Resistors. The **NEW ERJ-UP6 Series** Resistors are recommended for design in harsh or unclean environment applications where a device might be exposed to oil, gas or polluted soil. The **New ERJ-UP6 Series** features higher rated power at 0.50W in a 0805 inch / 2012 mm case size and ESD surge characteristics superior to standard Thick Film Resistors. AEC-Q200 Compliance and IEC 60115-8, JIS C 5201-8 and EIAJ RC-2134B Reference Standards for the entire **ERJ-UP6 Series** of Anti-Sulfurated Thick Film Chip Resistors from Panasonic ensures optimal quality and reliability.

Features

- Anti-Sulfurization And Anti-Surge Characteristics
- Ag-PD Based Inner Electrode
- High Rated Power At 0.50W
- Size: 0805 Inch / 2012 mm
- Resistance Tolerance: $\pm 0.5\%$, $\pm 1\%$ and $\pm 5\%$
- Wide Operating Temperature: -55°C to $+155^{\circ}\text{C}$
- Suitable For Both Reflow And Flow Soldering
- Operating Temperature Range: -55°C to 155°C
- AEC-Q200 Compliant
- RoHS / REACH Compliant
- Reference Standards: IEC 60115-8, JIS C 5201-8 and EIAJ RC-2134B

Benefits

- Solves Demands For Higher Power And Environmentally Durable Resistors
- AEC-Q200 Compliance Ensures Strict Quality Control Standards Are Being Enforced.

Industries

- Automotive
- General Industries
- Home Appliance
- Telecommunication, Computing

Applications

- Automotive Applications Including ECU, BMS, Divider Circuit, etc.
- General Application Including Measurement Equipment, FA, Tooling Devices, etc.
- Home Appliance Applications
- Telecommunication And Computing Applications Including Tablet And Notebook PCs