

New ERJ-U, ERJ-C1 and EXB-U Series Anti Sulfur Resistors



Anti-Sulfur Thick Film Chip Resistor in Standard, Wide Terminal and Array types

Panasonic, a worldwide leader in Resistor Products, is pleased to introduce the **NEW ERJ-U, ERJ-C1, and EXB-U Series**. These series provide excellent resistance to sulfuration by using an Ag-Pd based inner electrode. This expands Panasonic's portfolio by offering a more cost effective option over our already existing line of Au type solutions. High reliability is ensured by utilizing metal glaze thick film resistive elements and three layers of electrodes. They are suitable for usage within automotive, industrial, factory automation, and power supply applications that may be subject to a high sulfur environment. Optionally available is a wide terminal type that offers higher solder joint reliability and power handling characteristics.

Features

- Ag-Pd Based Inner Electrode
- All Case Sizes are Available From 0201 to 2512 as Single Chip Resistor.
- Arrays are Also Available in 0402 and 0603 Case Sizes and 2/4/8 Resistor Configurations
- Wide Terminal Type in 2010 Case Size
- RoHS Compliant

Benefits

- Affordable and Reliable Anti-Sulfur Resistor Solution
- Wide Variety of Case Sizes and Power Ratings for Easy Adoption in New Designs
- Array Types Provide High Density, Space Saving Design for Easy Mounting and Cost Reduction
- Excellent Heat Dissipation on Wider Terminal Type for High Power Rating up to 2W

Industries

- Automotive
- Industrial
- Electronics
- Computers

Applications

- ECU, Navigations Systems
- DC-DC Power Supplies
- Notebook PC, Desktop PC, Servers
- Memory Modules (SSD, DDR)

ERJ-U Series

NEW

Anti-Sulfur Resistors - Standard Type



Standards

- IEC 60115-8
- JIS C 5201-8
- EIAJ RC-2134B
- TS 16949 Certified
- AEC-Q200 Applicable

ERJ-C1 Series

NEW

Anti-Sulfur Resistors - Wide Terminal Type



Standards

- IEC 60115-8
- JIS C 5201-8
- EIAJ RC-2134B
- TS 16949 Certified
- AEC-Q200 Applicable

EXB-U Series

NEW

Anti-Sulfur Resistors - Array Type



Standards

- IEC 60115-9
- JIS C 5201-9
- EIAJ RC-2129
- TS 16949 Certified
- AEC-Q200 Applicable