

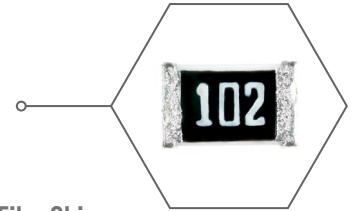
## New Product Introduction

### ERJ-UP8 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-UP8 Series Anti-Sulfurated Thick Film Chip Resistors, Anti-Surge Type**. Extremely durable in challenging or unclean, harsh environments, the **NEW ERJ-UP8 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-UP8 Series Resistors**. The **NEW ERJ-UP8 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-UP8 Series** features higher rated power at 0.66W in a 1206 inch / 3216 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-UP8 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 0.66W
- Size: 1206 Inch / 3216 mm
- Resistance Tolerance:  $\pm 0.5\%$ ,  $\pm 1\%$  and  $\pm 5\%$
- Wide Operating Temperature:  $-55^{\circ}\text{C}$  to  $+155^{\circ}\text{C}$
- Suitable For Both Reflow And Flow Soldering
- Operating Temperature Range:  $-55^{\circ}\text{C}$  to  $155^{\circ}\text{C}$
- 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

