Panasonic

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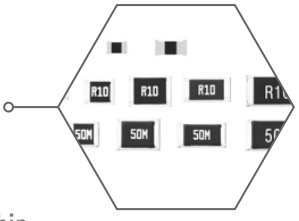
Line Extension

ERJ-6CW Series Thick Film Chip Resistors

Current Sense Resistors, Now Available In An 0805 Package Size!



High Power Current Detection In A Small Case Size!

Panasonic, a worldwide leader in Resistor Products, introduces the expansion of the ERJ-6CW Series Thick Film Chip Resistors. These Current Sense, Thick Film technology Resistors are now available in an 0805 package size with an extremely low +/-75 PPM TCR and ohmic values between 10 and 30 mΩ. AEC-Q200 Compliance and IEC 60115-8, JIS C 5201-8 and JEITA RC-2144 Reference Standards for the **New ERJ-6CW Series 0805 package sized parts** of Low TCR High Power Current Sensing Chip Resistors from Panasonic ensures optimal quality and reliability.

Features

- ERJ-6CW Series - 0805 Size, 0.5W, 75ppm, 10m Ohm to 30m Ohm
- +/-75ppm under 10m Ohm to 30m Ohm Using Panasonic's Thick Film Technology
- Wide Terminal Construction
- Achieves High Power And Low TCR (±75×10−6/°C) Using Wide Terminal Electrode Structure And Original Material
- Resistance Tolerance: ±0.5%, ±1%, ±2% and ±5%
- Realize High-Power By Double-Sided Resistive Elements Structure That Aims To Suppress Temperature Rise
- Low Resistance And High Precision
- Suitable For Both Reflow And Flow Soldering
- Operating Temperature Range: -55°C to 125°C
- AEC-Q200 Compliant
- RoHS / REACH Compliant
- Reference Standards: IEC 60115-8, JIS C 5201-8 and JEITA RC-2144

Benefits

- Low TCR Enables High Accuracy Of Current Detection
- Lowest TCR By The Thick Film Technology With Low Resistance, Has Cost Benefit Than The Metal Film Technology
- High Solder-Joint Reliability By Wide Terminal Construction
- Excellent Heat Dissipation Characteristics By Wide Terminal Construction
- Higher Rated Power Than The Conventional Terminal Type.
- AEC-Q200 Compliance Ensures Strict Quality Control Standards Are Being Enforced

Industries

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

Applications

- Automotive Applications Including ECUs (Electrical Control Unit), Anti-Lock Breaking Systems, Air-Bag Systems, Divider Circuit, Etc.
- General Applications Including Measurement Equipment, FA, Tooling Devices, etc.
- Home Appliance Applications
- Telecommunication And Computing Applications Including Tablet And Notebook PCs

RS RESISTORS

REACH COMPLIANT ROHS COMPLIANT

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