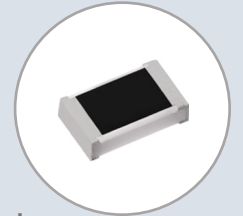


New Product Introduction

ERJ-1GJ Series Thick Film Chip Resistors



Panasonic's New AEC-Q200 Grade 1 ERJ-1GJ Series Lightweight Thick Film and Precision Thick Film Chip Resistors Offering High Reliability for Automotive Applications!

Panasonic, a worldwide leader in Resistor Products, introduces the new ERJ-1GJ Series Thick Film and Precision Thick Film Chip Resistors with an exceptionally durable and lightweight design in a small-size 0201 case size SMD package. These new Resistors provide high reliability with a metal glaze thick film resistive element and three layers of electrodes and are suitable for reflow and soldering. Panasonic's ERJ-1GJ Series are AEC-Q200 compliant and ideal for various automotive applications such as charging guns, infotainment, TCU, and ADAS systems, and lidar.

Features and Benefits

- Small and lightweight: 0201 case size
- 0.05 W Power Rating
- High Reliability: Metal glaze thick film resistive element and three layers of electrodes
- Taping packaging available
- Suitable for both reflow and flow soldering
- Compatible with placement machines
- High Reliability: Stable at high temperature and humidity: 85° C 85 %RH Rated Load
- Temperature Range: -55° C to +155° C
- IEC 60115-8, JIS C 5201-8 and JEITA RC-2134C Reference Standard
- AEC-Q200 and RoHS Compliant

Industries

- Automotive

Applications

- Charging gun (15W Wireless Charger)
- Central In-Vehicle Infotainment Computer
- TCU (Telematic Control Unit)
- ADAS Camera
- ADAS Domain Controller
- ADAS ECU
- Lidar
- Millimeter Wave Radar Module
- Drive Recorder
- Radar Antenna
- Automotive SSD
- Power Slide Door