

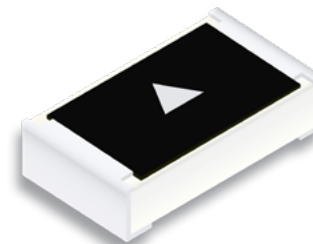
IN Your Future

High Precision Thick Film (Super high precision type)

ERJPC Series

Thin Film-Level Precision with Thick Film Value

ERJPC series was developed to support precision applications that require a well-balanced combination of accuracy, stability, and cost efficiency. Leveraging Panasonic's proprietary thick film technology, ERJPC series delivers thin-film-comparable precision (down to 0.1% tolerance and TCR 25ppm/K) with higher power capability, enabling component downsizing and overall cost optimization. It opens up new options in circuit design for applications that require a solution balancing accuracy, power capability, and value.



Key Features

- Thin film-level precision with thick film technology
- Tolerance down to $\pm 0.1\%$ / TCR ± 25 ppm/ $^{\circ}\text{C}$
- Wide operating temperature range (-55 to $+155$ $^{\circ}\text{C}$)
- 100% rated power up to 85 $^{\circ}\text{C}$
- AEC-Q200 compliant
- RoHS compliant
- Manufactured with Pb-free materials
- High stability with resistance change rate within $\pm 0.2\%$



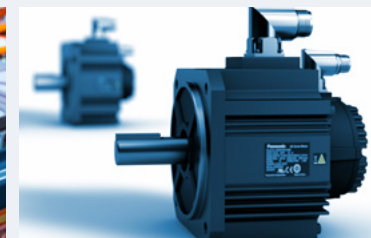
Automotive

- ADAS and body electronics
- Powertrain and control units
- BMS & sensing circuits



Industrial & Automation

- Industrial power supplies
- PLC and I/O modules
- Factory automation controllers



Appliances

- Motor drive and power control circuits
- Control units
- Inverters

[Click here for more information](#)

Resistor@eu.panasonic.com

Panasonic
INDUSTRY

Your Committed Enabler