

# 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  $\pm 25$  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