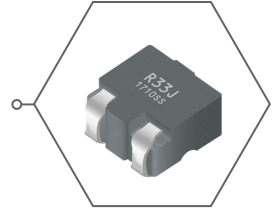


New Product Introduction

ETQ-PAMR33JFW Power Inductor

Panasonic's Newest AEC-Q200 Compliant Surface Mount Automotive Power Inductor with High Rated Current for Enhanced Performance



The New ETQ-PAMR33JFW Power Inductor Offering a Miniature Size of 15.6 mm Square Suitable for Small Automotive ECUs

Panasonic, a worldwide leader in Inductor Products, announces the new ETQ-PAMR33JFW Power Inductor provides exceptional large current support, high heat resistance, and high vibration resistance. This 15.6 mm square surface mount Power Inductor meets the market demands for smaller automotive ECU (Electronic Control Unit) board sizes while increasing performance functions.

The compact and highly reliable surface mount ETQ-PAMR33JFW improves the reliability of power circuits while contributing to the reduction of environmental impact by saving space in power circuit mounting areas. Panasonic's ETQ-PAMR33JFW Power Inductor offers large current support from 20 A to 80 A, making it ideal for removing noise from motor drive circuits. The ETQ-PAMR33JFW Power Inductor provides high heat resistance of 160°C/2000 hours and vibration resistance of 5 Hz to 2 kHz/30 G making it compatible with mechatronics.

Features and Benefits

- Small Size: Width 15.6 mm x Depth 17.2 mm x Height 10.5 mm
- Heat Resistance: 160°C/2000 hours
- Vibration Resistance: 5 Hz to 2 kHz/30 G
- SMD Type with Shielded Construction
- Low DCR and High Reliability Due to Coil Lead Direct Output Structure
- High Vibration Resistance by Fixing 4-point Terminals
- Achieves High Heat Dissipation by an Integrated Structure with a Unique Low-loss Metallic Magnetic Material
- AEC-Q200 and RoHS Compliant

Industries

- Automotive
- Transportation
- Industrial

Applications

- Filter DC/DC Converters for Various Automotive Applications:
 - ABS, EPS, Fan, Pump, and More
- High-performance Automotive ECU Power Circuits