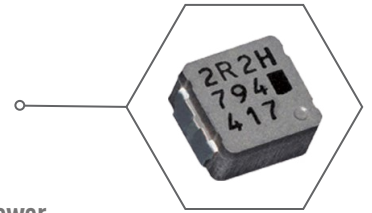


## New Product Introduction

# ETQ-P3MxxxHFx Series Power Choke Coils

## Reliable Power Inductors For Automotive Applications Requiring High Heat and Vibration Resistance



Panasonic, a worldwide leader in Inductor Products, is pleased to announce the **NEW ETQ-P3MxxxHFx Series Power Choke Coils!** This new Series is perfect for automotive applications offering high heat resistance and high reliability using metal composite core. These new parts are AEC-Q200 Compliant for automotive applications as well as other strenuous environments which ensures optimal quality and reliability.

### Features

- Reduce Core Loss In High Frequency Band (More Than 2MHz)
- High Heat Resistance
- Low Profile: 3mm Max. Height
- High Vibration Resistance: 30G
- Temperature Stability
- Low Audible (Buzz) Noise
- Shielded Construction
- AEC-Q200 Compliant
- RoHS And REACH Compliant

### Benefits

- High Operating Temperature: Operation Up To 150°C Including Self-Heating
- Excellent Inductance Stability Over Broad Temperature Range
- High Vibration Resistance In Strenuous Environments
- Panasonic Metal Composite Core Technology
- Design In To High Switching Frequency Systems over 2MHz
- Design In To Height-Restricted Applications
- AEC-Q200 Compliance Ensures Strict Quality Control Standards Are Being Enforced

### Industries

- Automotive
- Transportation
- Industrial Electronics

### Applications

- Noise Filter For Drive Circuitries Requiring High Temperature Operation And Peak Handling Capability
- DC to DC Converters
- Buck Converters
- Boost Converters
- LED Driver Applications