

Line Extension

More New ETQ-P8M Series Power Choke Coils

Small Size, High Performance In Automotive And Harsh Environment Applications



Panasonic, a worldwide leader in Inductor Products, is pleased to announce additional **NEW ETQ-P8M Series Power Choke Coils!** This release expands Panasonic's line-up of Power Choke Coils with four additional new part numbers featuring small case size. There is one additional number in this Series still under development. See a Panasonic Sales Representative for more information. Panasonic's Metal Composite Technology for Power Choke Coils results in a nearly linear inductance vs. current performance. These new parts are AEC-Q200 Compliant for automotive applications as well as other strenuous environments which ensures optimal quality and reliability.

Features

- Metal Composite Technology
- Large Current Power: 53 A (R33 Type)
- High Vibration Resistance: 30G
- High Heat Resistance
- Distributed Rather Than Discrete Gap
- AEC-Q200 Compliant
- High Operating Temperature (160°C Operation Including Self Heating)
- RoHS Compliant

Benefits

- Strong Reliability In End Equipment
- Operation Up To 160°C including Any Self-Heating
- Good Inductance Vs. Current Performance
- For Height-Restricted Designs
- Near Linear Inductance vs. Current Performance
- Resistance to Shock, Vibration and Minimal Buzz Noise
- Operation in Strenuous Environments
- Excellent Inductance Stability Over Broad Temperature Range
- AEC-Q200 Compliance Ensures Strict Quality Control Standards Are Being Enforced.

Industries

- Industrial Electronics
- Lighting
- Alternative Energy Conversion
- Automotive / Transportation

Applications

- DC to DC Converters
- Buck Converters
- Boost Converters
- LED Drive Applications
- Noise Filter for Various Drive Circuitry Requiring High Temperature Operations and Peak Current Handling Capability