



DC-LINK FILM CAPACITORS

LOW ESR, HIGH RIPPLE CURRENT CAPABILITIES

DC-LINK FILM CAPACITOR PORTFOLIO, WITH A WIDE ARRAY OF OPTIONS

Automotive Grade > AEC-Q200



Different THB Ratings Available

Low Building Height Product

Available: **HALOGEN FREE** **GREEN** (5-2008)

KEY CHARACTERISTICS

High Voltage Capability

Self-Healing Technology

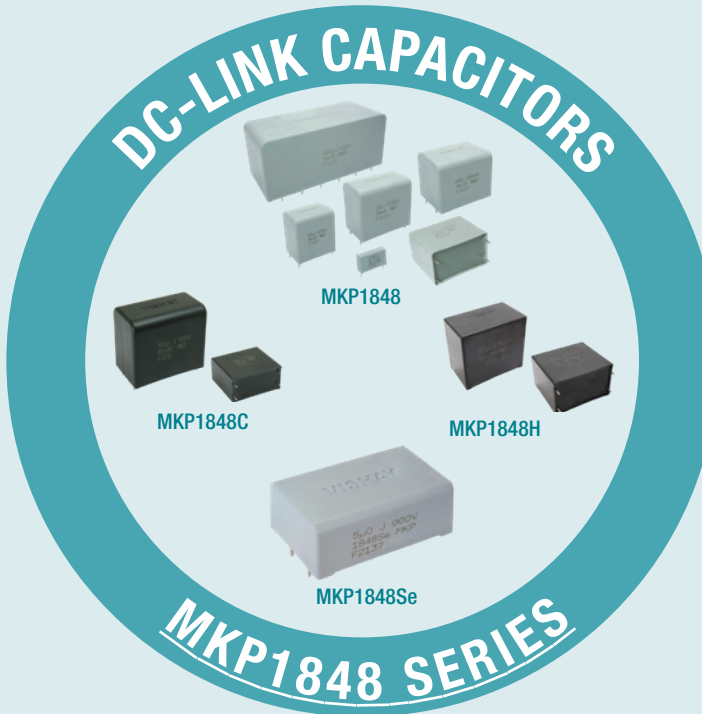
Low ESR - High I_{RMS} Ratings

Stable Electrical Parameters
Across Temperature Spectrum

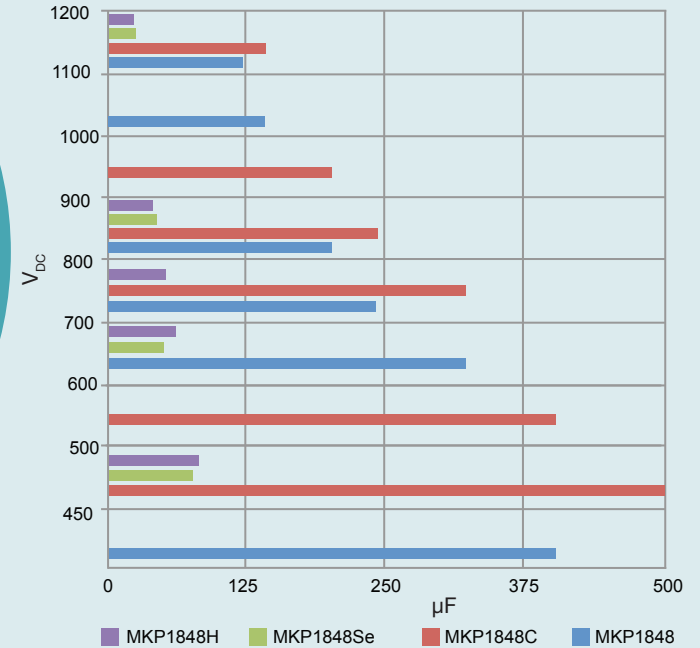
High Resistance to Shock and Vibration

APPLICATIONS

- On-Board Chargers
- e-Car Thermal Management Systems
- Renewable Energy Inverters
- Fast EV Chargers
- Industrial Power Conversion



DC-LINK FILM CAPACITORS VOLTAGE VS. CAPACITANCE RANGE



MKP1848C	MKP1848Se	MKP1848H	MKP1848
• Halogen-Free • High Density (Up to 1 µF/cm³) • THB 40 °C / 93 % RH / 56 Days no Voltage Applied	• Low Building Height DC-Link • THB 60 °C / 93 °C RH / 56 Days at U_{NDC} • Automotive Grade (AEC-Q200)	• Halogen-Free • THB 85 °C / 85 % RH / 1000 h at U_{NDC} • Automotive Grade (AEC-Q200)	• Automotive Grade (AEC-Q200) • THB 40 °C / 93 % RH / 1000 h at U_{NDC}

For technical questions: dc-film@vishay.com

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