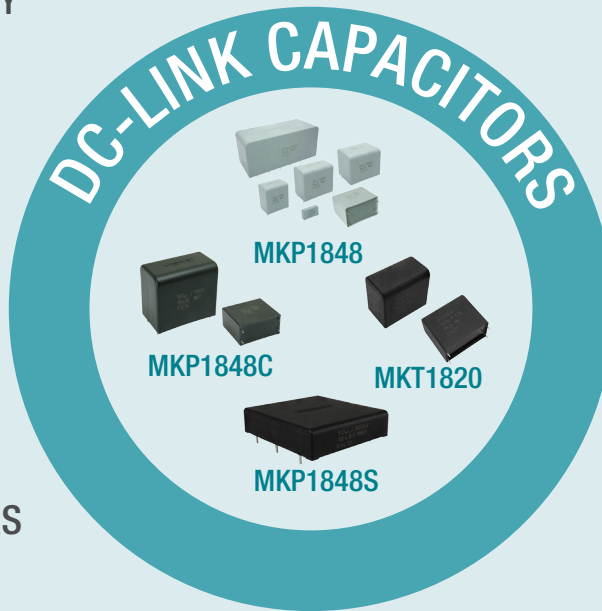
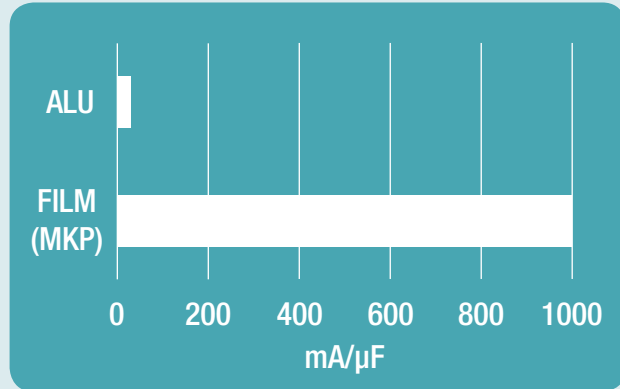




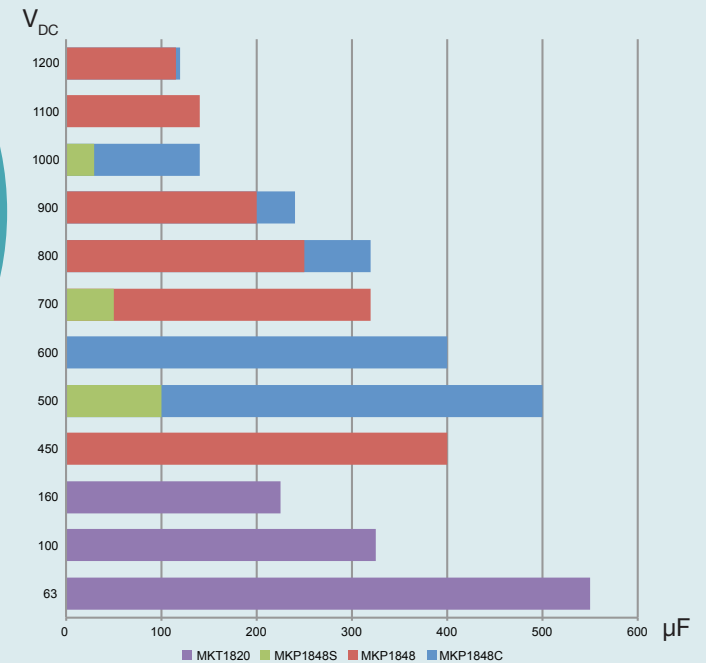
# DC-LINK FILM CAPACITORS | IN A NUTSHELL

## LOW ESR, HIGH RIPPLE CURRENT CAPABILITIES

### FILM CAPACITOR RIPPLE CURRENT CAPABILITY VS. ALUMINUM ELECTROLITICS



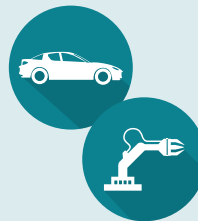
### DC-LINK FILM CAPACITORS VOLTAGE VS. CAPACITANCE RANGE



### ADVANTAGES OF DC-LINK FILM CAPACITORS OVER ALUMINUM ELECTROLYTIC

- High voltage capability: no series connection; no balancing resistors
- Self healing technology
- Lifetime over 100 000 hours
- No dry out -> stable parameters until the end of life
- Stable electrical parameters across temperature range

### APPLICATIONS



- On Board Chargers
- 48 V Board Net
- Forklifts
- Renewable Energy
- Welding Equipment
- Power Supplies
- Motor Drives

MKP1848	MKP1848C	MKP1848S	MKT1820
Automotive Grade DC-Link Film Capacitor (AEC-Q200 Compliant)	High Density DC-Link Film Capacitor Up to 1 μF/cm <sup>3</sup>	Low Profile DC-Link with Building Heights of 12 mm, 15 mm, 18 mm, and 24 mm	Low Voltage and High Temperature (Up to 150 °C) DC-Link for 48 V Board Net