

January 16, 2015

## EPCOS Data Book 2015 Aluminum Electrolytic Capacitors

**Ordering code** EPC: 27029-7600  
**Language** English  
**Length** 756 pages

The new Data Book presents the range of EPCOS aluminum electrolytic capacitors.

### Highlights

- **Screw-terminal capacitors**

Particularly suited for power electronics applications, e.g. frequency converters, UPS installations, converters for wind energy installations and solar inverters

- New series of highly compact design:  
B43703\*/B43723\* (85 °C, >12 000 h), 350 - 450 V DC
- New series with significantly improved current capability:  
B43704\*/B43724\* (85 °C, >12 000 h), 350 - 550 V DC  
B43705\*/B43725\* (85 °C, >12 000 h), 350 - 450 V DC

- **Snap-in capacitors**

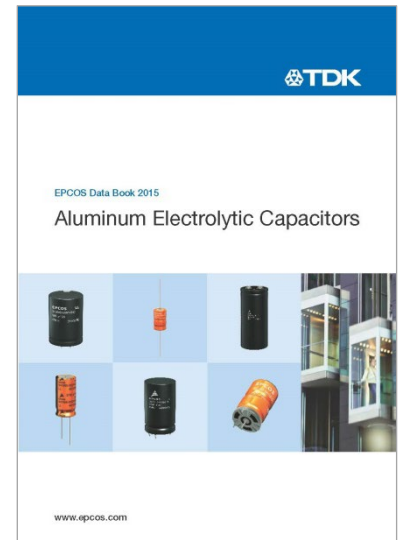
Particularly suited for power electronics applications, e.g. frequency converters, UPS installations, solar inverters and professional switched-mode power supplies

- Series with outstanding current capability in a compact design:  
B43544\* (105 °C, >3 000 h), 200 - 550 V DC  
B43545\* (105 °C, >5 000 h), 400 - 450 V DC  
B43547\* (105 °C, >8 000 h), 200 - 450 V DC
- Special design for base cooling with reduced longitudinal tolerance ( $\pm 0.2$  mm)
- New series with new, highly compact design with significantly improved current capability:  
B43642\* (105 °C, >3 000 h), 200 - 450 V DC

- **4-/5-pin snap-in and solder-pin capacitors**

Particularly suited for power electronics applications, e.g. frequency converters, UPS installations, solar inverters

- Series of very compact design and significantly improved current capability:  
B43512\* (85 °C, >5 000 h) inclusive of  $\varnothing$  50 mm with 5-pin terminals



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**Aluminum Electrolytic  
Capacitors**

Internal / External

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- **Large-size capacitors**

For automotive applications with very high demands on current capability and vibration resistance

- High-voltage series qualified to AEC-Q200 for onboard chargers:  
B43504\* (105 °C, >3 000 h), 450 V DC, vibration resistance up to 40 g  
B43508\* (105 °C, >3 000 h), 450 V DC, compact design

- **Single-ended capacitors**

For automotive applications

- Series with a more compact design:  
B41895\* (125 °C, >5 000 h), voltage range extended to 75 V DC
- New series with long service life:  
B41887\* (105 °C, > 10 000 h), 16 - 35 V DC, low inductors

- **Axial and solder-star capacitors**

For automotive applications

- Design with a lower ESR, high current capability and vibration resistance
- Improved series, now even more compact:  
B41692\*/B41792\* (125 °C, >5 000 h)  
B41695\*/B41795\* (150 °C, >1 000 h)  
B41696\*/B41796\* (125 °C, >3 000 h), lower ESR at -40 °C
- Special design for vibration resistance up to 45 g available.

### How to order

- The new publication can be ordered free of charge from local sales offices. Please provide your complete postal address or shipping address as well as the ordering code. The publication can also be ordered online from the EPCOS website under [www.epcos.com/publications](http://www.epcos.com/publications).
- EPCOS employees should place their orders online on the EPCOS Corporate Intranet under >>Publications >>Related Links >>SARISA Web Shop.

The data sheets may be downloaded under [www.epcos.com/al\\_caps](http://www.epcos.com/al_caps).

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**Customers are asked to address inquiries directly to their sales contacts.**