Aluminum electrolytic capacitors, Aluminum electrolytic capacitors – single-ended capacitors

Series/Type: B41859

The following products presented in this data sheet are being withdrawn.

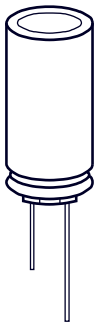
Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B41859C8687M000		2018-06-22	2018-09-30	2018-12-31
B41859C8567M000		2018-06-22	2018-09-30	2018-12-31
B41859C8566M008		2023-06-09	2023-11-30	2024-02-29

Ordering Code	Substitute Product	Date of Withdrawal	Deadline Last Orders	Last Shipments
B41859C8566M006		2023-06-09	2023-11-30	2024-02-29
B41859C8566M000		2023-06-09	2023-11-30	2024-02-29
B41859C8477M000		2018-06-22	2018-09-30	2018-12-31
B41859C7157M008		2023-06-09	2023-11-30	2024-02-29
B41859C7157M006		2023-06-09	2023-11-30	2024-02-29
B41859C7157M000		2023-06-09	2023-11-30	2024-02-29
B41859C7127M008		2023-06-09	2023-11-30	2024-02-29
B41859C7127M006		2023-06-09	2023-11-30	2024-02-29
B41859C7127M000		2023-06-09	2023-11-30	2024-02-29
B41859C7107M008		2023-06-09	2023-11-30	2024-02-29
B41859C7107M006		2023-06-09	2023-11-30	2024-02-29
B41859C7107M000		2023-06-09	2023-11-30	2024-02-29
B41859C6107M008		2023-06-09	2023-11-30	2024-02-29
B41859C6107M006		2023-06-09	2023-11-30	2024-02-29
B41859C6107M000		2023-06-09	2023-11-30	2024-02-29
B41859C5227M008		2023-06-09	2023-11-30	2024-02-29
B41859C5227M006		2023-06-09	2023-11-30	2024-02-29
B41859C5227M000		2023-06-09	2023-11-30	2024-02-29
B41859C5187M008		2023-06-09	2023-11-30	2024-02-29
B41859C5187M006		2023-06-09	2023-11-30	2024-02-29
B41859C5187M000		2023-06-09	2023-11-30	2024-02-29
B41859C4337M008		2023-06-09	2023-11-30	2024-02-29
B41859C4337M006		2023-06-09	2023-11-30	2024-02-29
B41859C4337M000		2023-06-09	2023-11-30	2024-02-29
B41859C4277M008		2023-06-09	2023-11-30	2024-02-29
B41859C4277M006		2023-06-09	2023-11-30	2024-02-29
B41859C4277M000		2023-06-09	2023-11-30	2024-02-29

Please contact your nearest TDK sales office if you need support in selecting a suitable substitute. The addresses of our worldwide sales network are presented at www.tdk-electronics.tdk.com/sales.

Very low impedance – 105 °C

Long-life grade capacitors



Applications

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Features

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Construction

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Delivery mode

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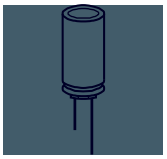

Specifications and characteristics in brief

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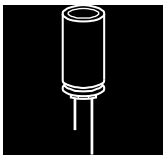
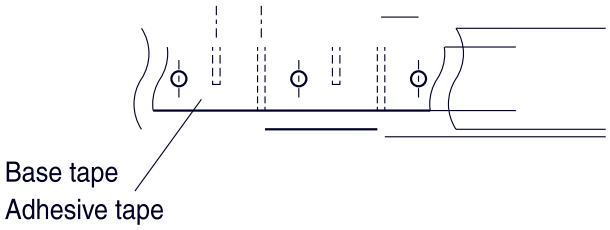
Please read *Cautions and warnings* and
Important notes at the end of this document.



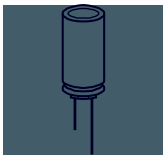
B41859

Very low impedance 105 °C

Lead spacing 5.0 mm (∅ d = 8 mm)



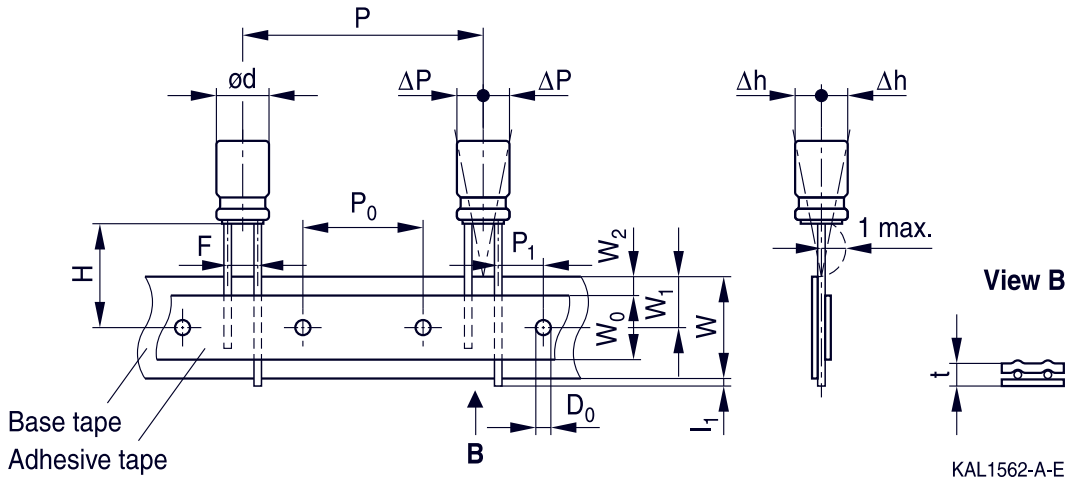
KAL1560-T-E



B41859

Very low impedance – 105 °C

Lead spacing 7.5 mm (∅ d = 16 ...18 mm)



Dimensions in mm

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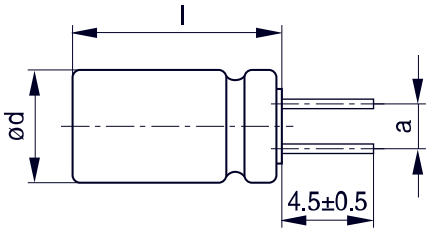
Cut or kinked leads

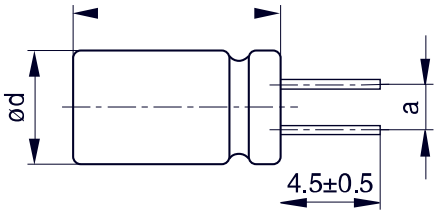
Cut leads

With stand-off rubber seal



KAL1085-I

With flat rubber seal



KAL1086-R

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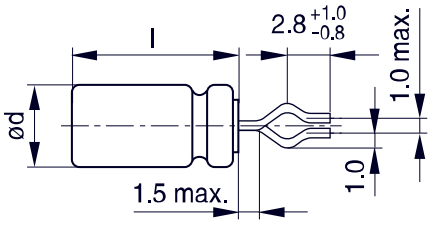
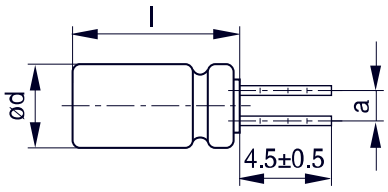
Kinked leads

With stand-off rubber seal

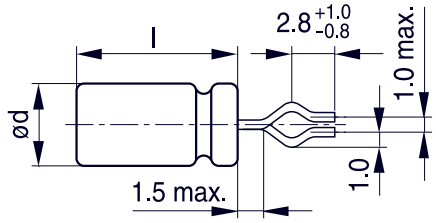


KAL1081-K

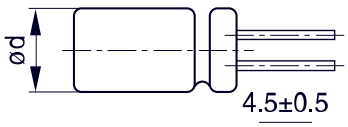


KAL1083-2

With flat rubber seal



KAL1082-T



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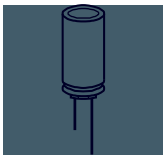
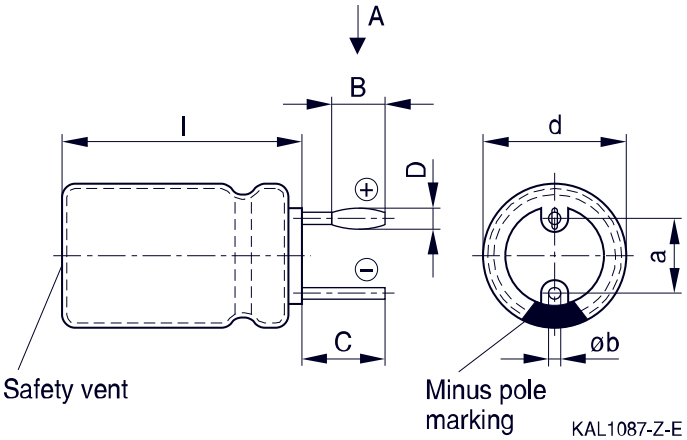


PAPR leads

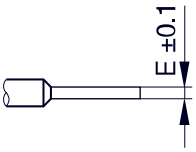
Crimped leads

With stand-off rubber seal

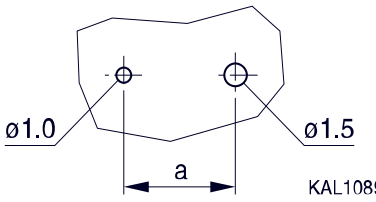


Suggestion for PCB hole diameter

View A



Suggestion for PCB hole diameter, wire ø0.8 mm



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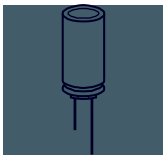
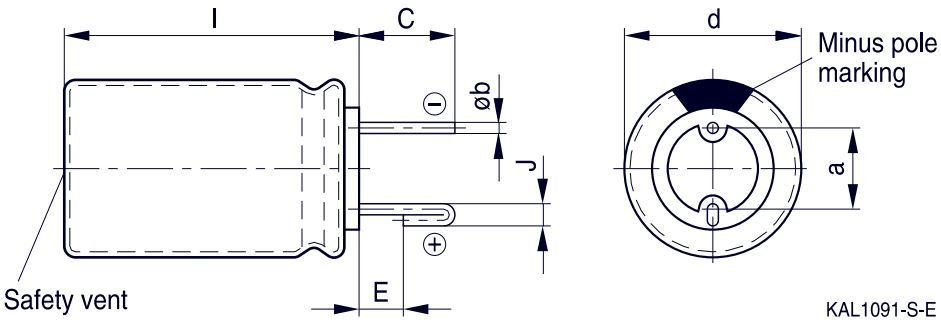


B41859

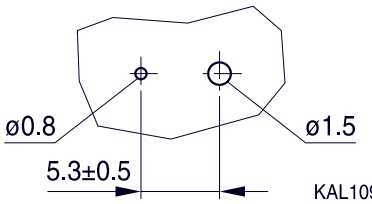
Very low impedance – 105 °C

J leads

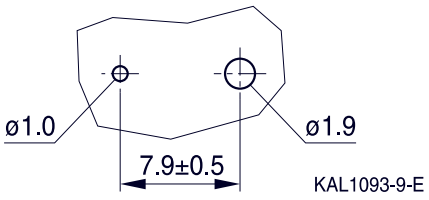


Suggestion for PCB hole diameter

Suggestion for PCB hole diameter,
wire ø0.6 mm



Suggestion for PCB hole diameter,
wire ø0.8 mm



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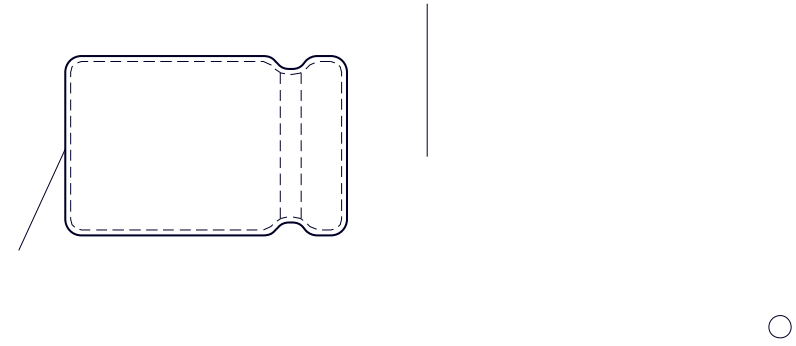
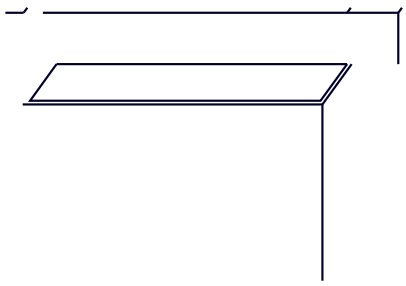
Bent 90° leads for horizontal mounting pinning

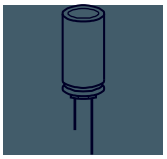


Packing units and box dimensions

Ammo pack



KAL0713-P



Overview of packing units and code numbers

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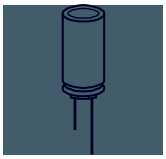
		006 **008** **009**							

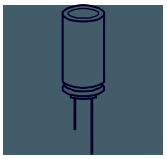


B41859

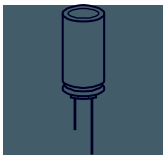
Very low impedance – 105 °C

Cautions and warnings

Personal safety



Product safety



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Very low impedance – 105 °C

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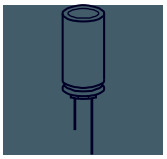
Display of ordering codes for TDK Electronics products



Symbols and terms

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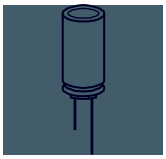

B41859

Very low impedance – 105 °C

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Note

Important notes

1. **statements about the suitability of our products for certain areas of application**

   that such statements cannot be regarded as binding statements about the suitability of our products for a particular customer application

2. **in individual cases, a malfunction of electronic components or failure before the end of their usual service life cannot be completely ruled out in the current state of the art, even if they are operated as specified**

3. **The warnings, cautions and product-specific notes must be observed.**
4. **some of the products described in this publication may contain substances subject to restrictions in certain jurisdictions (e.g. because they are classed as hazardous)**

5. **the products described in this publication may change from time to time**

   reserve the right to discontinue production and delivery of products

6. **all orders are subject to our General Terms and Conditions of Supply**

7. **Our manufacturing sites serving the automotive business apply the IATF 16949 standard.** The IATF certifications confirm our compliance with requirements regarding the quality management system in the automotive industry. Referring to customer requirements and customer specific requirements (“CSR”) TDK always has and will continue to have the policy of respecting individual agreements. Even if IATF 16949 may appear to support the acceptance of unilateral requirements, we hereby like to emphasize that **only requirements mutually agreed upon can and will be implemented in our Quality Management System.** For clarification purposes we like to point out that obligations from IATF 16949 shall only become legally binding if individually agreed upon.
8. **trademarks registered or pending**