May 5, 2023

# PCN
# Introduction of second source for bottom disc material of aluminum electrolytic capacitors

To improve the supply chain a second source for UL certification material (E338855) used for the bottom discs for EPCOS aluminum electrolytic capacitors produced in Xiamen/China and Szombathely/Hungary will be introduced.
There will be no effect on the electrical performance, reliability and dimensions of the affected products. The color of the new bottom disc material is different. Future shipments can consist of capacitors with both bottom disc materials.

Comparison of bottom disc materials:



**Affected products**

| Ordering code | Factory |
|---|---|
| B41456B7220M600 | Szombathely |
| B41456B8150M600 | Szombathely |
| B41456B8479M600 | Szombathely |
| B41456B9479M600 | Szombathely |
| B41456S8689M004 | Szombathely |
| B43254S9128M002 | Xiamen |
| B43258S0178M001 | Xiamen |
| B43303S9337M003 | Szombathely |
| B43320S5338M004 | Xiamen |
| B43320S5478M004 | Xiamen |
| B43320S5688M001 | Xiamen |
| B43456S5109M009 | Szombathely |
| B43456S5228M002 | Xiamen |
| B43456S5278M002 | Xiamen |
| B43456S5568M004 | Szombathely |
| B43456S5828M004 | Szombathely |
| B43456S9109M002 | Szombathely |
| B43456S9119A001 | Szombathely |
| B43456S9159M003 | Szombathely |
| B43456S9178A501 | Szombathely |

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Chairman of the Supervisory Board: Dr. Werner Faber
Management Board: Dr. Werner Lohwasser, Chairman · Juergen Holzinger · Joachim Thiele
www.tdk-electronics.tdk.com

May 5, 2023

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|---|---|
| B43456S9178A502 | Szombathely / Xiamen |
| B43456S9228A601 | Szombathely |
| B43456S9228A602 | Szombathely |
| B43456S9258A501 | Szombathely |
| B43456S9258A502 | Szombathely / Xiamen |
| B43456S9338M004 | Szombathely / Xiamen |
| B43456S9378A501 | Szombathely |
| B43456S9378A502 | Szombathely / Xiamen |
| B43456S9478A001 | Szombathely / Xiamen |
| B43456S9478A002 | Szombathely / Xiamen |
| B43456S9478A003 | Szombathely |
| B43456S9568M005 | Szombathely / Xiamen |
| B43456S9568M008 | Szombathely |
| B43456S9588A501 | Szombathely |
| B43456S9588A502 | Szombathely / Xiamen |
| B43456S9688M004 | Szombathely / Xiamen |
| B43456S9688M006 | Szombathely |
| B43458S0908Q002 | Szombathely |
| B43458S9688M009 | Szombathely |
| B43458S9708Q002 | Szombathely |
| B43501S9187M003 | Xiamen |
| B43501S9277M003 | Xiamen |
| B43504A5477M023 | Szombathely |
| B43504S5167M001 | Szombathely |
| B43505S6327M002 | Szombathely |
| B43508A5687M022 | Szombathely |
| B43508B5157M022 | Szombathely |
| B43509S0477M001 | Szombathely |
| B43510S9108M003 | Xiamen |
| B43510S9128M004 | Xiamen |
| B43510S9188M004 | Xiamen |
| B43510S9278M003 | Xiamen |
| B43515S9108M001 | Szombathely |
| B43516S5188M001 | Szombathely |
| B43540S9108A302 | Szombathely |
| B43540S9997A002 | Szombathely / Xiamen |
| B43541S6407M001 | Szombathely |
| B43541S6757M001 | Szombathely |
| B43541S9108A001 | Szombathely / Xiamen |
| B43541S9128A501 | Szombathely / Xiamen |
| B43541S9128A801 | Szombathely / Xiamen |
| B43541S9128M001 | Xiamen |
| B43541S9138A001 | Szombathely / Xiamen |

May 5, 2023

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| B43541S9567M002 | Szombathely |
| B43541S9687M001 | Szombathely / Xiamen |
| B43544S0397M001 | Szombathely |
| B43544S0477M001 | Szombathely |
| B43544S0827M001 | Szombathely |
| B43544S0957M001 | Szombathely |
| B43544S0397M001 | Xiamen |
| B43544S0477M001 | Xiamen |
| B43544S0827M001 | Xiamen |
| B43544S9108M001 | Szombathely / Xiamen |
| B43544S9187M001 | Szombathely |
| B43544S9277M001 | Szombathely |
| B43544S9397M001 | Szombathely |
| B43544S9477M001 | Szombathely |
| B43544S9477M003 | Szombathely |
| B43544S9477M001 | Xiamen |
| B43544S9957M001 | Szombathely |
| B43564S4169Q002 | Szombathely |
| B43564S5828M001 | Szombathely |
| B43601S9108M001 | Szombathely |
| B43601S9108M002 | Szombathely / Xiamen |
| B43601S9108M001 | Xiamen |
| B43601S9367A002 | Szombathely |
| B43601S9477M003 | Szombathely / Xiamen |
| B43601S9477M004 | Szombathely |
| B43601S9627A002 | Szombathely / Xiamen |
| B43601S9687M002 | Szombathely / Xiamen |
| B43601S9687M003 | Szombathely |
| B43601S9827M002 | Szombathely / Xiamen |
| B43601S9827M003 | Szombathely |
| B43700E7688M600 | Szombathely |
| B43700E8108M600 | Szombathely |
| B43700E8158M600 | Szombathely |
| B43700E8228M600 | Szombathely |
| B43700E8338M600 | Szombathely |
| B43700E8478M600 | Szombathely |
| B43700E8688M600 | Szombathely |
| B43700S 168M002 | Szombathely |
| B43700S 258M002 | Szombathely |
| B43701A5109M600 | Szombathely |
| B43701A5338M600 | Szombathely |
| B43701A5568M600 | Szombathely |
| B43701A9109M600 | Xiamen |

May 5, 2023

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| B43701A9478M600 | Xiamen |
| B43701A9828M600 | Xiamen |
| B43701B5478M600 | Szombathely / Xiamen |
| B43701B9478M600 | Szombathely |
| B43701B9568M600 | Szombathely / Xiamen |
| B43701S5338M001 | Szombathely |
| B43701S5478M001 | Szombathely |
| B43703A4109M600 | Szombathely |
| B43703A5159M600 | Xiamen |
| B43703A5478M600 | Szombathely |
| B43703A6108M600 | Szombathely |
| B43703A9109M600 | Szombathely / Xiamen |
| B43703A9159M600 | Szombathely |
| B43703A9688M600 | Xiamen |
| B43703B4159M600 | Szombathely |
| B43703B5398M600 | Szombathely |
| B43703B6688M600 | Szombathely |
| B43703B9478M600 | Szombathely |
| B43703B9478M603 | Szombathely |
| B43703S3368M001 | Xiamen |
| B43703S3368M002 | Xiamen |
| B43704A5109M600 | Szombathely |
| B43704A5129M600 | Xiamen |
| B43704A5158M600 | Xiamen |
| B43704A5228M600 | Szombathely |
| B43704A5568M600 | Xiamen |
| B43704A7188M600 | Xiamen |
| B43704B9189M600 | Xiamen |
| B43704B9478M600 | Szombathely / Xiamen |
| B43704B9568M600 | Xiamen |
| B43704S0448A001 | Szombathely |
| B43704S3238M501 | Xiamen |
| B43704S3278M002 | Xiamen |
| B43704S3278M003 | Xiamen |
| B43704S3288M002 | Xiamen |
| B43705A4109M650 | Szombathely |
| B43705A5278M600 | Szombathely |
| B43705A5688M600 | Szombathely |
| B43705A9129M600 | Xiamen |
| B43705B4398M603 | Szombathely |
| B43705B5228M600 | Szombathely |
| B43705B9228M603 | Xiamen |
| B43705B9278M600 | Szombathely |

May 5, 2023

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| B43705B9398M600 | Szombathely / Xiamen |
| B43705B9478M600 | Xiamen |
| B43705B9568M600 | Xiamen |
| B43705B9688M600 | Xiamen |
| B43705S9178A001 | Szombathely / Xiamen |
| B43705S9258A001 | Szombathely / Xiamen |
| B43705S9368A001 | Szombathely / Xiamen |
| B43705S9408A001 | Szombathely / Xiamen |
| B43706A5108M600 | Szombathely |
| B43706A5109M600 | Szombathely |
| B43706A5129M600 | Szombathely / Xiamen |
| B43706A5228M600 | Szombathely |
| B43706A5478M600 | Szombathely |
| B43706A5568M600 | Xiamen |
| B43706A5688M600 | Xiamen |
| B43706A5828M600 | Szombathely |
| B43706A6109M600 | Szombathely / Xiamen |
| B43706A6188M600 | Szombathely |
| B43706A6398M600 | Xiamen |
| B43706A6827M600 | Szombathely |
| B43706A9158M600 | Szombathely |
| B43706A9159M600 | Szombathely / Xiamen |
| B43706A9338M600 | Szombathely / Xiamen |
| B43706A9398M600 | Szombathely |
| B43706A9568M600 | Xiamen |
| B43706A9688M600 | Szombathely / Xiamen |
| B43706B5278M600 | Szombathely |
| B43706B6338M600 | Szombathely |
| B43706B6398M600 | Szombathely |
| B43706B6478M600 | Szombathely |
| B43706B6568M600 | Szombathely |
| B43706B9109M600 | Szombathely |
| B43706B9478M600 | Szombathely |
| B43706S9278M001 | Szombathely |
| B43707A5109M600 | Szombathely |
| B43707A5478M600 | Szombathely |
| B43707A5688M600 | Szombathely |
| B43707A9109M600 | Szombathely |
| B43707A9228M600 | Szombathely |
| B43707A9478M600 | Szombathely |
| B43712A4109M600 | Szombathely |
| B43712A4568M600 | Szombathely |
| B43712A5108M600 | Szombathely |

May 5, 2023

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| B43712B9478M600 | Szombathely |
| B43713A2279M600 | Xiamen |
| B43713A2478M600 | Szombathely |
| B43713A5478M600 | Szombathely |
| B43713A5568M600 | Szombathely / Xiamen |
| B43713B2109M600 | Szombathely / Xiamen |
| B43713B2279M600 | Szombathely |
| B43713B2828M600 | Xiamen |
| B43713B4568M600 | Szombathely |
| B43713E2129M600 | Szombathely |
| B43713E2189M600 | Szombathely |
| B43713F2688M600 | Szombathely |
| B43713S2229M002 | Szombathely |
| B43713S4228M001 | Xiamen |
| B43713S5109M001 | Xiamen |
| B43724S7398M002 | Szombathely |
| B43740S5109M001 | Szombathely |
| B43742A5109M600 | Xiamen |
| B43742A5188M600 | Szombathely |
| B43742B9129M600 | Szombathely |
| B43742B9228M600 | Szombathely / Xiamen |
| B43742S0528A001 | Szombathely |
| B43742S0528M001 | Szombathely |
| B43742S0758M001 | Szombathely |
| B43742S2149Q001 | Szombathely |
| B43742S2229M001 | Szombathely / Xiamen |
| B43742S5228M001 | Xiamen |
| B43743A4189M600 | Xiamen |
| B43743A4828M600 | Xiamen |
| B43743A5398M600 | Szombathely / Xiamen |
| B43743A5478M600 | Szombathely / Xiamen |
| B43743A5568M600 | Szombathely |
| B43743A6108M600 | Xiamen |
| B43743A6688M600 | Xiamen |
| B43743A9159M600 | Szombathely |
| B43743A9688M600 | Szombathely |
| B43743A9828M600 | Xiamen |
| B43743B4278M600 | Xiamen |
| B43743B5158M600 | Szombathely |
| B43743B5338M600 | Szombathely |
| B43743B6228M600 | Szombathely |
| B43743B9338M600 | Szombathely |
| B43743S0758M001 | Szombathely |

May 5, 2023

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| B43743S6958M001 | Szombathely |
| B43743S9228M001 | Szombathely / Xiamen |
| B43999S0000A001 | Szombathely |
| B43999S0000A002 | Szombathely |

Scheduled date of change: August 21, 2023
Estimated date of first deliveries: August 21, 2023
(or earlier, with written approval by the customer)

**Enclosure** PCN (ID No. 2023-14)

**Contact** Ayse Kartal, CAP PM ALU, Munich

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

## Product / Process Change Notification

| | | | |
|---|---|---|---|
| **1. ID No.** 2023-14 | | **2. Date of announcement** May 5, 2023 | |
| **3. Product / product group**<br>EPCOS aluminum electrolytic capacitors from Xiamen and Szombathely | **Old ordering code**<br>see UPtoDATE | **New ordering code**<br>No change | **Customer part number**<br>na |
| **4. Description of change**<br>To improve our supply chain we are introducing a second source for the UL certification material (E338855) used for the bottom discs of our aluminum electrolytic capacitors. | | | |
| **5. Effect on the product or for the customer (benefit, quality, specification, lead time)**<br>No effect on the electrical performance, reliability and dimensions. The color of the new bottom disc material is different. | | | |
| **6. Quality assurance measures / risk assessment**<br>The change was qualified based on IEC 60384 standards. Additionally, the change implementation follows the relevant internal quality procedures. | | | |
| **7. Scheduled date of change** August 21, 2023 (or earlier, with written approval by the customer) | | | |
| **8. Estimated date of first delivery of changed product** August 21, 2023 (or earlier, with written approval by the customer)<br>If TDK Electronics AG does not receive notification to the contrary within a period of 10 weeks, TDK Electronics AG assumes that the customer agrees to the change.<br>☐ For an interim period we cannot rule out that old as well as new products will be shipped.<br>☒ Future shipments can consist of old and new products as the new changed product is used as an alternative to the old product. | | | |
| Quality Management<br>Name Anja Kalmes | | Signature<br>Signed Kalmes | |
| Product Marketing<br>Name Martina Auer<br>Tel. +49 89 54020 2363<br>Email martina.auer@tdk.com | | Signature<br>Signed Auer | |

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|---|---|
| **Customer feedback** | |
| **Customer acknowledgement** | Signature |