August 26, 2022

PCN
New laser marking for aluminum electrolytic capacitors from Szombathely

A new machine for marking EPCOS aluminum electrolytic capacitors with screw terminals is being introduced at the plant in Szombathely/Hungary. The marking is changed from ink to laser. The content of the marking remains unchanged.

At the same time, an additional data matrix code is lasered onto the top of the capacitor (cover plate), which contains an individual, TDK internal code for product traceability.

The ink marking technology remains in operation, allowing certain products to be manufactured with both markings and alternate appearances.

We are introducing this new production equipment in two steps. First list of affected capacitors was issued with UPtoDATE 220318AL1 and PCN 2022-13 on March 18, 2022. Second list of ordering codes with new marking is covered with the enclosed PCN 2022-33.

Affected products
Including full list of series from last time plus B43999.

Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
B41456*	B43458*	B43580*	B43712*	B43741*
B41458*	B43464*	B43584*	B43713*	B43742*
B41465*	B43465*	B43586*	B43720*	B43743*
B41560*	B43471*	B43700*	B43721*	B43750*
B41580*	B43474*	B43701*	B43723*	B43760*
B43406*	B43484*	B43702*	B43724*	B43761*
B43407*	B43550*	B43703*	B43725*	B43762*
B43454*	B43560*	B43704*	B43727*	B43763*
B43455*	B43564*	B43705*	B43732*	B43770*
B43456*	B43566*	B43706*	B43733*	B43772*
B43457*	B43570*	B43707*	B43740*	B43875*
				B43999*

Scheduled date of change: December 12, 2022
Estimated date of first deliveries: December 12, 2022
(or earlier, with written approval by the customer)

Enclosure PCN (ID No. 2022-33)

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

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Product / Process Change Notification

1. ID No. 2022-33		**2. Date of announcement** August 26, 2022	
3. Product / product group Aluminum electrolytic capacitors with screw terminals from Szombathely/ Hungary	**Old ordering code** see UPtoDATE	**New ordering code** no change	**Customer part number** NA

4. Description of change

Driven by the continuous improvement of manufacturing technology, a new laser marking machine will be introduced for screw terminal aluminium electrolytic capacitors in Szombathely factory. The new equipment will bring two appearance changes:
1. Capacitor marking/label: Marking will be made by laser-light, instead of using ink. Content does not change.
2. At the same time, an extra data matrix code will be laser-marked on the top of the capacitor (cover disc) including an individual, TDK-internal code for potential product traceability.
Existing marking technology will still remain in operation, thus a given part number could be produced with both marking technologies and alternating appearances.

5. Effect on the product or for the customer (benefit, quality, specification, lead time)

Laser-marked label: improved reliability; Laser-marked 2D code on cover disk: improved internal traceability

6. Quality assurance measures / risk assessment

The change was qualified based on the recommendation of the ZVEI qualification matrix and IEC 60384 standard. Additionally, the change implementation follows the relevant internal quality procedures, e.g. machine release and safe launch activities, etc.

7. Scheduled date of change December 12, 2022 or earlier if agreed with the customer

8. Estimated date of first delivery of changed product December 12, 2022 or earlier if agreed with the customer

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.

☐ For an interim period we cannot rule out that old as well as new products will be shipped.

☒ Future shipments can consist of old and new products as the new changed product is used as an alternative to the old product.

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Customer feedback

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