

September 13, 2019

PTN

Withdrawal of EPCOS large-size capacitors with additive NMP

EPCOS aluminium electrolytic capacitors of the B41605A/B/C/D* and B41607A* large-size series will be withdrawn. These capacitors contain *N*-Methyl-2-pyrrolidone (NMP; CAS 872-50-4) as an additive to the solvent system of the electrolyte. NMP is listed in REACH (REGULATION (EC) No 1907/2006) Annex XVII restricted substances and after May 2020 may only be processed in Europe with special authorization.

NMP was introduced years ago to improve the solubility of some substances and to speed up the mixing process of the electrolyte. In the meantime, the electrolyte mixing process has been significantly improved by modern production equipment and the additive is no longer necessary.

Affected products

Ordering codes withdrawn types	Ordering codes substitute types (pin and size compatible)
B41605A5688M00*	B41605E5688M00*
B41605B5688M00*	B41605E5688M00*
B41605C5688M00*	B41605E5688M00*
B41605A5908M00*	B41605E5908M00*
B41605B5908M00*	B41605E5908M00*
B41605A5129M00*	B41605E5129M00*
B41605B5129M00*	B41605E5129M00*
B41605A5189M00*	B41605E5189M00*
B41605B5189M00*	B41605E5189M00*
B41605C5189M00*	B41605E5189M00*
B41605A5279M00*	B41605E5279M00*
B41605B5279M00*	B41605E5279M00*
B41605C5279M00*	B41605E5279M00*
B41605A7388M00*	B41605E7398M00*
B41605A7398M00*	B41605E7398M00*
B41605B7398M00*	B41605E7398M00*
B41605A7518M00*	B41605E7518M00*
B41605B7518M00*	B41605E7518M00*
B41605A7688M00*	B41605E7688M00*
B41605B7688M00*	B41605E7688M00*
B41605A7109M00*	B41605E7109M00*
B41605B7109M00*	B41605E7109M00*

TDK Electronics AG

Rosenheimer Strasse 141 e, 81671 Munich · Post: P.O.Box 80 17 09, 81617 Munich, Germany
 Headquarters: Munich · Commercial register of the local court (Amtsgericht): Munich HRB 127250
 Chairman of the Supervisory Board: Dr. Werner Faber
 Management Board: Joachim Zichlarz, Chairman · Joachim Thiele · Dr. Werner Lohwasser
www.tdk-electronics.tdk.com

Aluminum Electrolytic Capacitors

Internal / External

190913AL1e

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Ordering codes withdrawn types	Ordering codes substitute types (pin and size compatible)
B41605C7109M00*	B41605E7109M00*
B41605A7159M00*	B41605E7159M00*
B41605B7159M00*	B41605E7159M00*
B41605C7159M00*	B41605E7159M00*
B41605A0258M00*	B41605E0258M00*
B41605B0258M00*	B41605E0258M00*
B41605A0338M00*	B41605E0338M00*
B41605B0338M00*	B41605E0338M00*
B41605A0478M00*	B41605E0478M00*
B41605B0478M00*	B41605E0478M00*
B41605A0688M00*	B41605E0688M00*
B41605B0688M00*	B41605E0688M00*
B41605C0688M00*	B41605E0688M00*
B41605A0109M00*	B41605E0109M00*
B41605B0109M00*	B41605E0109M00*
B41605C0109M00*	B41605E0109M00*
B41605A8208M00*	B41605E8208M00*
B41605B8208M00*	B41605E8208M00*
B41605A8218M00*	B41605E8208M00*
B41605A8278M00*	B41605E8278M00*
B41605B8278M00*	B41605E8278M00*
B41605C8278M00*	B41605E8278M00*
B41605A8398M00*	B41605E8398M00*
B41605B8398M00*	B41605E8398M00*
B41605A8568M00*	B41605E8568M00*
B41605B8568M00*	B41605E8568M00*
B41605C8568M00*	B41605E8568M00*
B41605D8568M00*	B41605E8568M00*
B41605A8818M00*	B41605E8818M00*
B41605B8818M00*	B41605E8818M00*
B41605C8818M00*	B41605E8818M00*
B41607A5308M00*	B41607B5308M00*
B41607A5368M00*	B41607B5368M00*
B41607A5478M00*	B41607B5478M00*
B41607A7168M00*	B41607B7168M00*
B41607A7228M00*	B41607B7228M00*
B41607A7278M00*	B41607B7278M00*
B41607A0128M00*	B41607B0128M00*
B41607A0158M00*	B41607B0168M00*
B41607A0168M00*	B41607B0168M00*

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Ordering codes withdrawn types	Ordering codes substitute types (pin and size compatible)
B41607A0228M00*	B41607B0228M00*
B41607A8907M00*	B41607B8907M00*
B41607A8118M00*	B41607B8128M00*
B41607A8128M00*	B41607B8128M00*
B41607A8158M00*	B41607B8168M00*
B41607A8168M00*	B41607B8168M00*

Deadline for last orders: December 31, 2019

Last shipments by: March 31, 2020

Contact Martina Auer, CAP ALU PM, Munich

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