July 28, 2023

PCN
Upgrade of PhiCap, PhaseCap, DeltaCap, and PoleCap capacitors

To reduce damages in the discharge resistors, the following EPCOS metallized polypropylene capacitor series will be upgraded with the following benefits:

- Modification in the existing design of the resistor terminal slits from 4 slits to 6 slits to increase the terminal flexibility.
- Change in the resistor coating material from Phenolic resin to Epoxy resin to improve the coating strength.

The change will have no negative effects on the specified electrical and mechanical parameters, function, quality, reliability or on the lead time of the affected products.

Affected products

Ordering code	Series
B25671*	PoleCap
B25673S*	PhaseCap® Compact
B25674*	PhaseCap® Energy Plus
B25675*	PhaseCap® Energy Plus
B32301*	DeltaCap™
B32304*	DeltaCap™
B32305*	DeltaCap™
B32344*	PhiCap®
B32448*	PhiCap®

Scheduled date of change: November 15, 2023
Estimated date of first deliveries: November 15, 2023
(or earlier, with written approval by the customer)

Enclosure PCN (ID No. FILM P23-18)

Contact Anil Sasikumar, CAP FILM ES PFC PM, Munich

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

Product / Process Change Notification

1. ID No. FILM P23-18		**2. Date of announcement** July 28, 2023	
3. Product / product group	**Old ordering code**	**New ordering code**	**Customer part number**
PhiCap®	B32344*	no change	
PhaseCap® Energy Plus	B32448*		
PhaseCap® Compact	B25674*		
DeltaCap™	B25675*		
	B25673S*		
PoleCap	B32301*		
Capacitors for PFC (power factor correction)	B32304*		
	B32305*		
	B25671*		

4. Description of change

Change details in resistor:

1. Modification in existing design of resistor terminal slits (4 slit to 6 slit)
2. Change in resistor coating material from Phenolic resin to Epoxy resin.

Refer report for changes.

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

The change will have no negative effects on the specified electrical and mechanical parameters, function, quality, reliability or on the lead time of the affected products.

Benefits of change:

Reduction in resistor breakage due to

1. Modification in existing design of resistor terminal slits (4 slit to 6 slit) to increase terminal flexibility.
2. Change in resistor coating material from Phenolic resin to Epoxy resin improves coating strength.

6. Quality assurance measures / risk assessment

Quality procedures will remain unchanged.

7. Scheduled date of change November 15, 2023 (or earlier, with written approval by the customer)

8. Estimated date of first delivery of changed product November 15, 2023

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.

Quality Management

Name Ms. Anja Kalmes

Signature

Signed Anja Kalmes

Product Marketing

Name Venkatesh Raghavan

Tel. +91 253 2205148

Email venkatesh.raghavan@tdk.com

Signature

Signed Venkatesh Raghavan

Customer feedback	
Customer acknowledgement	Signature