

February 9, 2024

PCN

Change of electrode system on PTC thermistors

The current electrode system, which is sputtered onto the disk of EPCOS PTC thermistors, will be changed from Cr/Ni/Ag to Cr/Ni/Cu. The contact elements (i.e. the wires soldered to the PTC disk) and the ceramic disks are not affected by the change.

This change has no impact on quality, reliability, solderability, lead time, or processability of the affected products.

Affected products

Ordering code	Type
B59412C1130A051	PTC Inrush Current Limiters
B59412C1130B070	
B59412C1130B110	
B59412U1130B040	
B59412U1130B070	
B59471C1130A040	

Scheduled date of change: May 27, 2024

Estimated date of first deliveries: May 27, 2024

Enclosure PCN (ID No. PPD014/T128)

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

TDK Electronics AG

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PPD

Thermistors
Internal / External

240209PPD1e

Product / Process Change Notification

1. ID No. PPD014/T128		2. Date of announcement February 9, 2024	
3. Product / product group PTC thermistors	Old ordering code See UPtoDATE	New ordering code no change	Customer part number
4. Description of change Change of current electrode system from Cr/Ni/Ag sputtered on the PTC disc to Cr/Ni/Cu. The contact elements (i.e. the wires soldered onto the PTC disc) and ceramic discs are not affected by any change.			
5. Effect on the product or for the customer (benefit, quality, specification, lead time) This change has no impact on quality, reliability, solderability, lead time or processability. The thermistor with new electrode fulfills published specifications.			
6. Quality assurance measures / risk assessment - Release of all affected processes and equipment in Zhuhai/China and Šumperk/Czech Republic according to IATF 16949 - Intensive training program for the production personnel at packing process - Intensified process control and outgoing inspection during the ramp-up phase			
7. Scheduled date of change May 27, 2024			
8. Estimated date of first delivery of changed product May 27, 2024 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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