

July 24, 2020

PCN

New label for EPCOS MKP DC power capacitors from Zhuhai FTZ

A new standardized label is being introduced for EPCOS MKP DC power capacitors. The changes apply only to capacitors produced in the Zhuhai FTZ factory in China. The capacitors themselves remain unchanged.

Affected products

Ordering code	Type
B2562*	MKP DC
B25631A* B25631S*	MKP DC LSI
B25692S1148K203	MKP DC (resin top)

Description of label changes

- All affected labels:
Voltage symbol changed from U to V
- B2562* series:
Voltage between terminal and case will be marked correctly in the label as 4 kV instead of 3 kV.
- B2562* series, 1980 V types:
Rated voltage will be marked as 2 kV since they were tested according to 2 kV types.
- B25631A* and B25631S* series:
U_i voltage will be removed from the label.
- B25692S1148K203:
Voltage between terminal and case will be marked correctly in the label as 5 kV instead of 4 kV.

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

Power Capacitors

Internal / External

200724PC1e

July 24, 2020

Old label

New label

EPCOS

B25620 - B1427 - K101

420 μ F $\pm 10\%$

U_{NDC} = 1100V

U_i = 3/-kV

-55...+85°C IEC 61071

SH-No PCB Dry Type

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

EPCOS

B25620B1427K101

420 μ F $\pm 10\%$

V_{RDC} = 1100V

V_{TC} = 4kV

-55...+85°C IEC 61071

SH-No PCB Dry Type

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

EPCOS

B25620 - B1706 - K981

70 μ F $\pm 10\%$

U_{NDC} = 1980V

U_i = 3/-kV

-55...+85°C IEC 61071

SH-No PCB Dry Type

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

EPCOS

B25620B1706K981

70 μ F $\pm 10\%$

V_{RDC} = 2000V

V_{TC} = 4kV

-55...+85°C IEC 61071

SH-No PCB Dry Type

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

EPCOS

B25631 - A0147 - K900

140 μ F $\pm 10\%$

U_{NDC} = 900V

U_i = 3/-kV

-55...+70°C IEC 61071

SH-No PCB Dry Type

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

EPCOS

B25631A0147K900

140 μ F $\pm 10\%$

V_{RDC} = 900V

-55...+70°C IEC 61071

SH-No PCB Dry Type

Max. torque of terminals: 8Nm

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

EPCOS

B25692 - S1148 - K203

1400 μ F $\pm 10\%$

U_{NDC} = 1200V

U_{TC} = 4kV

-40...+70°C IEC 61071

SH-No PCB Dry Type

Max. torque of terminals: 6Nm

No internal protection

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

EPCOS

B25692S1148K203

1400 μ F $\pm 10\%$

V_{RDC} = 1200V

V_{TC} = 5kV

-40...+70°C IEC 61071

SH-No PCB Dry Type

Max. torque of terminals: 6Nm

Discharge before handling

Made by EPCOS 20 Z2020

012345678901

July 24, 2020

Scheduled date of introduction: November 2, 2020
Estimated date of first delivery with changed labels: November 2, 2020

The data sheets may be downloaded under
www.tdk-electronics.tdk.com/en/dc_power_capacitors

Enclosure PCN (ID No. FILM P20-05)

Contact Natalia Iriondo CAP FILM I&A MKP PM, Munich

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

Product / Process Change Notification

1. ID No. FILM P20-05		2. Date of announcement July 24, 2020	
3. Product / product group EPCOS power electronic capacitors MKP DC*	Old ordering code	New ordering code	Customer part number
	B2562*	No change	n/a
	B25631A*		
	B25631S*		
4. Description of change In order to unify our layout on the capacitor labels, we will introduce the following changes: <ol style="list-style-type: none"> 1) Change of the symbol for voltage from 'U' to 'V' 2) B2562* 1980 V types: Marking as 2 kV types (since they were tested for 2 kV) 3) B2562*: Voltage between terminal and case will be marked correctly (4 kV instead of 3 kV) 4) B25692S1148K203: Voltage between terminal and case will be marked correctly in the label (5 kV instead of 4 kV) 5) B25631A* and B25631S* series: Ui voltage will be removed from the label 			
5. Effect on the product or for the customer (benefit, quality, specification, lead time) Only the printing layout on the label will change, as described above. The capacitors itself remain unchanged.			
6. Quality assurance measures / risk assessment Quality procedures will remain unchanged			
7. Scheduled date of change November 2, 2020			
8. Estimated date of first delivery of changed product November 2, 2020 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. <input checked="" type="checkbox"/> For an interim period we cannot rule out that old as well as new products will be shipped. <input type="checkbox"/> 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 Anja Kalmes		Signature Signed Anja Klames	
Product Marketing Name Natalia Iriondo Tel. +49 89 54020-2459 E-mail natalia.iriondo@tdk-electronics.tdk.com		Signature Signed Natalia Iriondo	

Customer feedback	
Customer acknowledgement	Signature