

January 22, 2021

## PCN

## Change of $A_L$ value and effective permeability for EPCOS EQ and I cores

The  $A_L$  value and effective permeability  $\mu_e$  for EPCOS EQ cores and the corresponding I cores will be increased. This contributes to reduced lead times.

### Affected products

Ordering code	Core	Material	$A_{L, old} / nH$	$A_{L, new} / nH$	$\mu_{e, old}$	$\mu_{e, new}$
B66483G0000X149	EQ20/6	N49	2400 ± 25%	2600 ± 25%	1070	1160
B66483G0000X192	EQ20/6	N92	2450 ± 25%	2600 ± 25%	1090	1160
B66483G0000X187	EQ20/6	N87	3100 ± 25%	3400 ± 25%	1400	1520
B66483G0000X197	EQ20/6	N97	3200 ± 25%	3500 ± 25%	1430	1560
B66483G0000X195	EQ20/6	N95	3700 ± 25%	4100 ± 25%	1657	1840
B66483K0000X149 B66483P0000X149	I20/2	N49	3000 ± 25%	3200 ± 25%	1000	1070
B66483K0000X192 B66483P0000X192	I20/2	N92	2950 ± 25%	3200 ± 25%	985	1070
B66483K0000X187 B66483P0000X187	I20/2	N87	3680 ± 25%	4100 ± 25%	1230	1370
B66483K0000X197 B66483P0000X197	I20/2	N97	3770 ± 25%	4200 ± 25%	1260	1400
B66483K0000X195	I20/2	N95	4600 ± 25%	4900 ± 25%	1537	1640
B66481G0000X149	EQ25/6	N49	3600 ± 25%	4100 ± 25%	1010	1150
B66481G0000X192	EQ25/6	N92	3650 ± 25%	4100 ± 25%	1030	1150
B66481G0000X187	EQ25/6	N87	4700 ± 25%	5400 ± 25%	1310	1510
B66481G0000X197	EQ25/6	N97	4800 ± 25%	5600 ± 25%	1350	1570
B66481K0000X149 B66481P0000X149	I25/2	N49	4200 ± 25%	4600 ± 25%	990	1070
B66481K0000X192 B66481P0000X192	I25/2	N92	4150 ± 25%	4600 ± 25%	970	1070
B66481K0000X187 B66481P0000X187	I25/2	N87	5100 ± 25%	5900 ± 25%	1200	1390
B66481K0000X197 B66481P0000X197	I25/2	N97	5300 ± 25%	6100 ± 25%	1250	1430
B66506G0000X149	EQ30/8	N49	3330 ± 25%	3600 ± 25%	1130	1220
B66506G0000X192	EQ30/8	N92	3270 ± 25%	3600 ± 25%	1110	1220
B66506G0000X187	EQ30/8	N87	4300 ± 25%	4900 ± 25%	1470	1660

#### TDK Electronics AG

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 Management Board: Joachim Zichlarz, Chairman · Joachim Thiele · Dr. Werner Lohwasser  
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#### Ferrites and Accessories

Internal / External

210122FER1e

January 22, 2021

B66506G0000X197	EQ30/8	N97	4500 ± 25%	5100 ± 25%	1540	1720
B66506K0000X149	I30/3	N49	4350 ± 25%	4800 ± 25%	1000	1110
B66506P0000X149						
B66506K0000X192	I30/3	N92	4450 ± 25%	4800 ± 25%	1020	1110
B66506P0000X192						
B66506K0000X187	I30/3	N87	5600 ± 25%	6300 ± 25%	1300	1460
B66506P0000X187						
B66506K0000X197	I30/3	N97	5750 ± 25%	6500 ± 25%	1330	1500
B66506P0000X197						

Scheduled date of change: April 30, 2021

Estimated date of first deliveries: May 1, 2021

The data sheets may be downloaded under  
[https://www.tdk-electronics.tdk.com/en/ferrites\\_er\\_etd\\_eq](https://www.tdk-electronics.tdk.com/en/ferrites_er_etd_eq)

**Enclosure** PCN (ID No. MAG-656181220)

**Contact** Philipp Laurer, MAG TF F PM, Munich

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

## Product / Process Change Notification

<b>1. ID No.</b> MAG-656181220		<b>2. Date of announcement</b> January 22, 2021	
<b>3. Product / product group</b> EQ20/6 I20/2 EQ25/6 I25/2 EQ30/8 I30/3	<b>Old ordering code</b> See attached list	<b>New ordering code</b> No change	<b>Customer part number</b>
<b>4. Description of change</b> Change of the AL value and the effective permeability $\mu_e$ .			
<b>5. Effect on the product or for the customer (benefit, quality, specification, lead time)</b> Lead time reduction due to stabilization of the production.			
<b>6. Quality assurance measures / risk assessment</b> Internal qualification tests have been performed successfully on production test basis (AL value measurement).			
<b>7. Scheduled date of change</b> April 30, 2021			
<b>8. Estimated date of first delivery of changed product</b> May 1, 2021 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 checked="" 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 Wolfgang Woitsch, 2021-01-12		Signature Signed Woitsch	
Product Marketing Name Philipp Laurer Tel. +49 89 54020-2326 E-mail philipp.laurer@tdk-electronics.tdk.com		Signature Signed Laurer	

<b>Customer feedback</b>	
<b>Customer acknowledgement</b>	Signature