

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 μ_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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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

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

1. ID No. MAG-656181220		2. Date of announcement January 22, 2021	
3. Product / product group EQ20/6 I20/2 EQ25/6 I25/2 EQ30/8 I30/3	Old ordering code See attached list	New ordering code No change	Customer part number
4. Description of change Change of the AL value and the effective permeability μ_e .			
5. Effect on the product or for the customer (benefit, quality, specification, lead time) Lead time reduction due to stabilization of the production.			
6. Quality assurance measures / risk assessment Internal qualification tests have been performed successfully on production test basis (AL value measurement).			
7. Scheduled date of change April 30, 2021			
8. Estimated date of first delivery of changed product 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	

Customer feedback	
Customer acknowledgement	Signature