



Product Change Notification (PCN)

This document applies to all companies and branches of the Würth Elektronik eiSos Group.

- ☒ Major Change
☐ Minor Change

PCN Number: PCN_IndLFSMD_20260905 Affected Series: WE-LF SMD Affected Part Number: see table "PART NUMBER, REVISION & DATASHEET" PCN Date: 2026-06-05 (YYYY-MM-DD) Effective Date: 2026-09-05 (YYYY-MM-DD)	Change Category: ☐ Equipment/Location ☐ General Data ☒ Material ☐ Process ☒ Product Design ☐ Shipping/Packaging ☐ Supplier ☐ Software
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eisos@we-online.com	Datasheet Change: ☒ Yes ☐ No Attachment: ☐ Yes ☒ No

DESCRIPTION OF CHANGE:

In order to enhance the product reliability, Würth Elektronik eiSos will change the separator design and material.

In line with internal standardization, Würth Elektronik eiSos will correct the datasheets and the product series name, because of a database mismatch.

There will be no change in fit, function, quality or reliability of the product.

The new revision of the affected part numbers will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).

The preliminary datasheets of the affected part numbers which are available in the online catalogue will be available on the website after the PCN date. Link to the website: [WE-LF SMD](#)



PART NUMBER, REVISION & DATASHEET:

Part Number	Revision before change	Revision after change
7446630027	004.004	005.000
7446630039	004.003	005.000
7446630047	004.003	005.000
7446631007	004.003	005.000
7446631010	004.003	005.000
7446632001	004.003	005.000
7446632002	004.003	005.000
7446632003	004.003	005.000
74466340007	004.003	005.000

DETAILS OF CHANGE:

1.) Separator:

To enhance the product reliability, we will change the design and material of the separator between the windings. (See Before/After drawings below table)

2.) Electrical Test Condition of Inductance and Datasheet Correction:

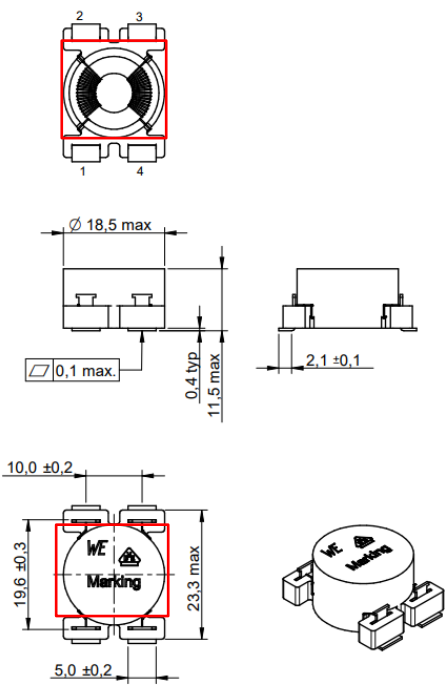
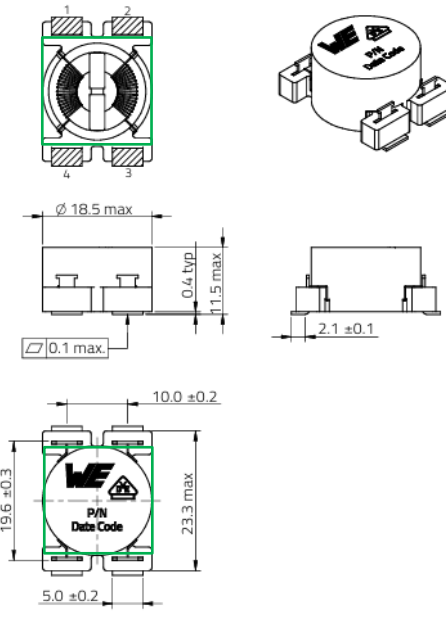
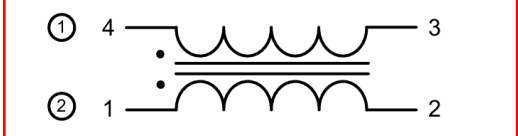
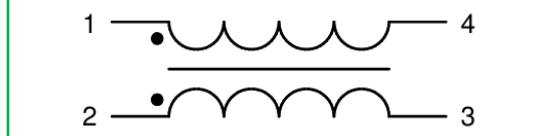
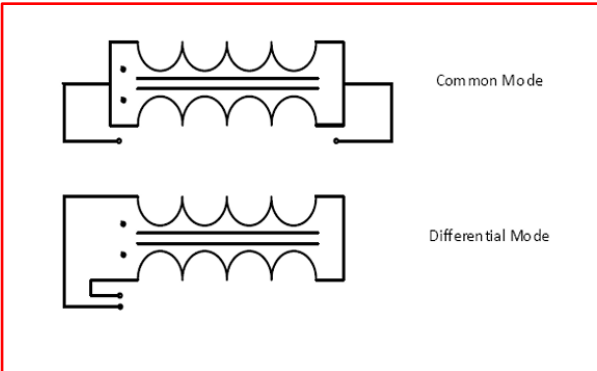
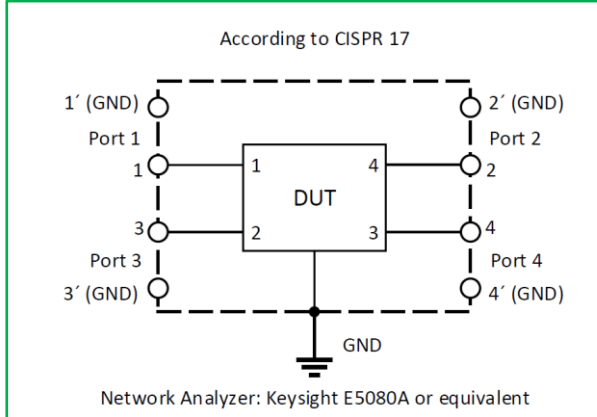
According to the IEC 60938-2 standard, the test condition parameters recommended to measure the specified inductance values for inductors in this class have been revised.

Because of a database mismatch, datasheet product drawing and test set-up for attenuation and impedance measurements will be corrected.

Certification number of VDE and Halogen Free declaration of the series will be corrected.

There will be no change on the measurements, only the pin numeration is corrected. Details are shown in the table below:

Before Change						After Change					
7446630027, 7446630039, 7446630047, 7446631007, 7446631010, 7446632001, 7446632002, 7446632003, 74466340007						7446630027, 7446630039, 7446630047, 7446631007, 7446631010, 7446632002, 7446632003					
Properties		Test conditions	Value	Unit	Tol.	Properties		Test conditions	Value	Unit	Tol.
Inductance	L	10 kHz/ 0.1 mA		mH	±30%	Inductance	L	10 kHz/ 0.1 mA		mH	±30%
						7446632001, 74466340007					
Properties		Test conditions	Value	Unit	Tol.	Properties		Test conditions	Value	Unit	Tol.
Inductance	L	100kHz/ 0.1 mA		mH	±30%	Inductance	L	100kHz/ 0.1 mA		mH	±30%

	
	
VDE Approval 40042531	VDE Approval 40041041
	

3.) Product Series name will be corrected to WE-LF SMD to align with our external definition.

Before Change : WE-LF SMT

After Change : WE- LF SMD



RELIABILITY / QUALIFICATION OF CHANGE:

An additional reliability test was performed and approved.

Additional details of the tests can be found in the table below:

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Visual Appearance	10	Product specification	Room temperature	Approved
Mechanical Parameters	10	Product specification	Room temperature	Approved
Electrical Parameters	10	Product specification	Room temperature	Approved