Würth Elektronik eiSos GmbH & Co. KG
EMC & Inductive Solutions
Max-Eyth-Straße 1 · 74638 Waldenburg · Germany
Tel. +49 (0) 79 42 945-0 · Fax +49 (0) 79 42 945-400
eiSos@we-online.de · www.we-online.de

Product / Process Change Notification (PCN)

☐ Major change
☒ Minor change

PCN #:	PCN_IndSL2_20200609
Affected Series:	WE-SL2-Series; 744222
PCN Date:	March 09, 2020
Effective Date:	June 09, 2020

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

Data Sheet Change:

☒ Yes ☐ No

Attachment:

☒ Yes ☐ No

DESCRIPTION AND PURPOSE OF CHANGE:

In order to meet current market demands, Würth Elektronik improved the testing process to assure a lower maximum value of DC resistance.

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

DETAIL OF CHANGE:

The maximum DC resistance on the part changes from 0.31 Ohm to 0.207 Ohm. There is no change in the product, just the DC resistance max. value is being updated due to a change in the process.

Before Change

Electrical Properties:

Properties		Test conditions	Value	Unit	Tol.
Number of windings	N		2		
Inductance	L	100 kHz/ 5 mV	1000	µH	±50%
Maximum Impedance	Z_{max}		6000	Ω	typ.
Rated Current	I_R	ΔT = 40 K	800	mA	max.
DC Resistance	R_{DC}	@ 20 °C	0.31	Ω	max.
Leakage Inductance	L_S	1 MHz/ 1 mA	90	nH	typ.
Insulation Test Voltage	V_T		500	V (AC)	max.
Rated Voltage	V_R		80	V	

After Change

Electrical Properties:

Properties		Test conditions	Value	Unit	Tol.
Number of windings	N		2		
Inductance	L	100 kHz/ 5 mV	1000	µH	±50%
Maximum Impedance	Z_{max}		6000	Ω	typ.
Rated Current	I_R	ΔT = 40 K	800	mA	max.
DC Resistance	R_{DC}	@ 20 °C	0.207	Ω	max.
Leakage Inductance	L_S	1 MHz/ 1 mA	90	nH	typ.
Insulation Test Voltage	V_T		500	V (AC)	max.
Rated Voltage	V_R		80	V	

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RELIABILITY / QUALIFICATION SUMMARY:

There will be no change of the product, therefore no additional reliability or qualification testing will be performed.