



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

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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.