

Würth Elektronik eiSos GmbH &amp; Co. KG

EMC &amp; Inductive Solutions

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## Product / Process Change Notification (PCN)

- Major change  
 Minor change

**PCN #:** PCN\_WCAP-PSLC\_20210421

**Affected Series:** WCAP-PSLC

**PCN Date:** January 21, 2022

**Effective Date:** April 21, 2022

### Change Category:

- Equipment / Location  
 General Data  
 Material  
 Process  
 Product Design  
 Shipping / Packaging  
 Supplier  
 Software

**Contact:** Product Management

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### Data Sheet Change:

Yes  No

### Attachment:

Yes  No

### DESCRIPTION AND PURPOSE OF CHANGE:

Because of a database mismatch, Würth Elektronik will update all datasheets for the matchcode WCAP-PSLC

The component Marking will be changed to the current state of art.

### DETAIL OF CHANGE:

#### Datasheet Update

Würth Elektronik will update the datasheet layout in general for all WCAP-PSLC datasheets. Furthermore with this layout update Würth Elektronik will correct the electrical and mechanical characteristics. All corrections in terms of electrical characteristics are shown below. They will also be clearly visible in the new datasheets which Würth Elektronik will provide on the website shortly. (This is a datasheet correction only. There will be no change in form, fit, function, quality or reliability of the product.)

- An Example of the old and new drawings are shown below in order to visualize the corrections of the dimensions. Würth Elektronik will update the dimensioning from indirect dimensioning to direct dimensioning.

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**A Dimensions: [mm]**

L max.	11.7		
D ±0.5	8.0		
A ±0.2	8.3		
B ±0.2	8.3		
C max.	0.15		
W ±0.1	0.9	a	2.8
E ±0.05	0.35	b	4.2
P ±0.2	3.1	c	1.9

**B Recommended hole pattern: [mm]**

**C Schematic:**

1.0	2014-11-11	SSI	PSL
REV	DATE	BY	CHECKED

Projection

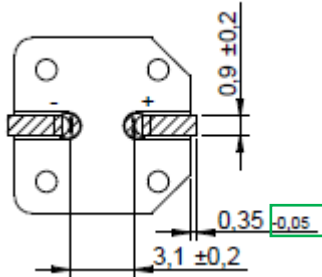
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*Example old Drawings with indirect dimensioning*

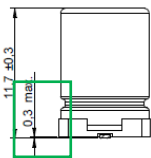
*Example new drawings with direct dimensioning*

In the course of the update from indirect to direct dimensioning the values for the dimensions and tolerances will be updated. The upcoming corrections can be seen more detailed in the pictures above.

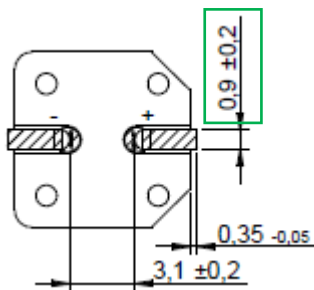
- Würth Elektronik will update the Tolerance of the following value to “- 0.05 mm” for all part numbers of WCAP-PSLC:



- Würth Elektronik will update the **Tolerance of the length** to “±0.3 mm” for all part numbers.
- Würth Elektronik will update the **Thickness** to “0.3 mm max.” for all part numbers:



- Würth Elektronik will update the **Tolerance** of the following property to “±0.2 mm” for all part numbers.



- Würth Elektronik will show the **Surge Voltage** for all parts of WCAP-PSLC.
- Würth Elektronik will update the **Surge Voltage** to “72.45 V(DC)” for 875075861003, 875075861004.
- Würth Elektronik will update the **Surge Voltage** to “40.25 V(DC)” for 875075655011.
- Würth Elektronik will update the **Surge Voltage** to “36.8 V(DC)” for 875076461001.
- Würth Elektronik will update the **Surge Voltage** to “72.45 V(DC)” for 875076155007
- Würth Elektronik will update the **Tolerance of the Dissipation factor** to “max.” for all parts of WCAP-PSLC.
- Würth Elektronik will update the display of the Packaging Specification for all parts of WCAP-PSLC in the datasheets. For details please refer to the new datasheets. Due to a data mismatch Würth Elektronik will update the dimensions of former “C” and tolerance of former “W” for the entire matchcode.
- Würth Elektronik will update the general Cautions and Warnings. Please refer to the datasheet for detailed information.

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## Product Marking

Due to internal standardization the printing of the match code WCAP-PSLC will be updated. Products after applied change with effective date of week 37 from 2020 can be shipped with new printing.

The product marking will change in the following points:

- The first line remains the same. It shows capacitance.
- The second line will now show the match code and the datecode(YWW).
- The third line will show the rated voltage.



*Example of new Marking*

### RELIABILITY / QUALIFICATION SUMMARY:

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