

Würth Elektronik eiSos GmbH & Co. KG

EMC & Inductive Solutions

Max-Eyth-Straße 1 · 74638 Waldenburg · Germany

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Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_WCAP-ASLL_20220421

Affected Series: WCAP-ASLL

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-ASLL.

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-ASLL 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.)

- All corrections in terms of mechanical characteristics are shown. In order to visualize the corrections of the dimensions example of the old and the new drawings is shown below. Würth Elektronik will update the dimensioning from an indirect dimensioning to a direct dimensioning:

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A Dimensions: [mm]

L max.	14.0		
D ±0.5	12.5		
A ±0.2	13.5		
B ±0.2	13.5		
C max.	0.15	pl	4.3
W ±0.2	0.35	fl	5.8
P ±0.2	4.5	fw	2.5

B Recommended hole pattern: [mm]

C Schematic:

REV	DATE	BY	CHECKED
1.0	2019-04-28	KAG	PSL

Projection

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Example for drawings with indirect dimensioning

Dimensions: [mm]

Recommended Land Pattern: [mm]

Scale - 2:1

Schematic:

Scale - 2:1

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Example for 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.

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- Würth Elektronik will adjust the Specification of the **Test Conditions** to “0.25 V/ 120 Hz/ +20 °C” for the **Capacitance** for all parts.
- Würth Elektronik will adjust the Specification of the **Test Conditions** to “0.25 V/ 100 kHz/ +20 °C” for the **Impedance** for all parts
- Würth Elektronik will adjust the Specification of the **Test Conditions** to “0.25 V/ 120 Hz/ +20 °C” for the **Dissipation factor** for all parts
- Würth Elektronik will adjust the Specification of the **Test Conditions** to “2 min./ +20°C” for the **Leakage Current** for all parts
Exception: “1 min./ +20°C” for part numbers:

S865060553006	865060757011	865060969001	865061065001	865061067001
865061353002	865061365001	865061457001	865061458006	865061462002
865061462003	865061462004	865061463005		

- Würth Elektronik will replace property “ESR” with “Impedance” for P/N 865060145014
- Würth Elektronik will update the display of the **Packaging Specification** for all parts of WCAP-ASLL 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 datasheet for detail.

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Product Marking

Due to internal standardization the printing of the match code WCAP-ASLL 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 the product, therefore, no additional reliability or qualification testing will be performed.