

Würth Elektronik eiSos GmbH &amp; Co. KG

EMC &amp; 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\_WCAP-ASLI\_20220421

**Affected Series:** WCAP-ASLI

**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

**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:

Because of a database mismatch, Würth Elektronik will update all datasheets for the Matchcode WCAP-ASLI.

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-ASLI 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]**

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

**C Schematic:**

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

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

Projection

Würth Elektronik eiSos GmbH  
 EMC & Inductive Solutions  
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 Germany  
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*Example for drawings with indirect dimensioning*

**Dimensions: [mm]**

**Recommended Land Pattern: [mm]**

Scale - 2:1

**Schematic:**

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

Projection

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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 update the **Tolerance of the Pin Width** to “**± 0.2 mm**“ for the following part numbers:  
865080757014

- Würth Elektronik will update **Endurance** to “**5000 h**” for the following part numbers:

865080163018
865080562017
S865080662019
S865080562017
865080262017

- Würth Elektronik will update the **Pad to Pad (Middle)** dimension to “**6.6 mm**” for the following part numbers:

865080363018
865080463017
865080663020
865080163018
865080263016
865080563018
865080963002
865080763016
865081763010
865081763011
865080863009

- Würth Elektronik will update the **Pad to Pad (Outlines)** dimension to “**0.90 mm**” for the following part numbers:

865080753012
865080757014

- Würth Elektronik will update the display of the Packaging Specification for all parts of WCAP-ASLI 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-ASLI 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.