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 / ⊠ Major change □ Minor change	Process Change Not	tification (PCN)
PCN #:	PCN_WCAP-AS5H_20220421	Change Category:
Affected Series:	WCAP-AS5H	 Equipment / Location General Data Material
PCN Date:	January 21, 2022	
Effective Date:	April 21, 2022	 Product Design Shipping / Packaging Supplier Software
Contact:	Product Management	Data Sheet Change:
Phone:	+49 (0) 7942 - 945 5001	🛛 Yes 🗆 No
Fax:	+49 (0) 7942 - 945 5179	Attachment:
E-Mail:	pcn.eisos@we-online.com	□ Yes ⊠ No

DESCRIPTION AND PURPOSE OF CHANGE:

Because of a database mismatch, Würth Elektronik will update all datasheets for the Matchcode WCAP-AS5H.

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

DETAIL OF CHANGE:

Datasheet Update

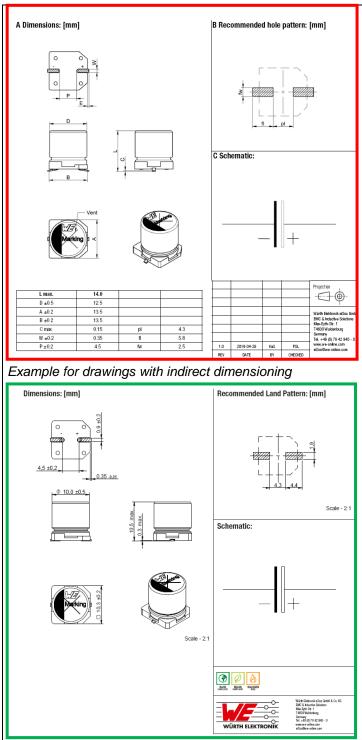
Würth Elektronik will update the datasheet layout in general for all WCAP-AS5H datasheets. Furthermore with this layout update Würth Elektronik will correct the electrical and mechanical characteristics. All corrections in terms of electrical characteristics are shown below. They will also be clearly 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: Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions

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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** for the following part number:

Part Number	New value
865230257007	± 0.2 mm

 Würth Elektronik will update the Specification of the Test Conditions to "0.25 V/ 100 kHz/ +20 °C" for the following part numbers and properties:

Part Number	Property
865231757001	IMPEDANCE
865230862001	IMPEDANCE
865230445009	ESR
865230657014	IMPEDANCE
865230645016	ESR
\$865230645016	ESR
865230564010	IMPEDANCE
865230653017	IMPEDANCE
865230664018	IMPEDANCE
865230557011	IMPEDANCE
865230364011	IMPEDANCE
865230364011	ESR

 Würth Elektronik will update the Specification of the Operating Temperature to "-40 up to +105°C" for the following part numbers:

865231757001	865230862001	S865230557007	865230669015	865230564009

• Würth Elektronik will update the **Technical Reference** for the following part numbers:

Part Number	Technical Reference
865231757001	ASDF105470M080DVCTEG000
865230862001	ASDH140470M100DVCTGG000
S865230557007	ASDF105221M035DVCTEH000
865230364011	ASED058221M016DVCTBB000
865230669015	ASDH160471M050DVCTJG000
865230564009	ASDD061220M035DVCTBE0ER

• Würth Elektronik will update the **Leakage Current** value for the following part number:

Part Number	New value
865230664018	11 μΑ

• Würth Elektronik will update the **Storage Conditions** value for the following part number:

Part Number	New value
865230564010	5 °C up to + 35 °C; 10 % up to 75 % RH

Würth Elektronik eiSos GmbH & Co. KG Sitz Waldenburg, Registergericht Stuttgart HRA 580801

Komplementär Würth Elektronik eiSos Verwaltungs-GmbH, Sitz Waldenburg, Registergericht Stuttgart HRB 581033 Geschäftsführer Thomas Schrott, Alexander Gerfer, Thomas Wild, Dirk Knorr, Josef Wörner

Bankverbindung UniCredit Bank AG Stuttgart, Konto 322 620 136, BLZ 600 202 90, IBAN DE86 6002 0290 0322 6201 36, SWIFT/BIC HYVEDEMM473 · USt.-IdNr. DE220618976

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- Würth Elektronik will update the display of the Packaging Specification for all parts of WCAP-AS5H 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.

Product Marking

Due to internal standardization the printing of the match code WCAP-AS5H 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.