Würth Elektronik eiSos GmbH & Co. KG
EMC & Inductive Solutions
Max-Eyth-Straße 1 · 74638 Waldenburg · Germany
Tel. +49 7942 945-0 · Fax +49 7942 945-5000
eiSos@we-online.com · www.we-online.com

Product / Process Change Notification (PCN)

☒ Major Change
☐ Minor Change

PCN Number:	PCN_IndHCI_20241128
Affected Series:	WE-HCI
Affected Order Codes:	744314330, 744314490
PCN Date:	2024-08-28 (YYYY-MM-DD)
Effective Date:	2024-11-28 (YYYY-MM-DD)

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

Datasheet Change:
☐ Yes ☒ No

Attachment:
☐ Yes ☒ No

Description of Change:

To improve the processability, Würth Elektronik eiSos will change the winding direction of the mentioned order codes from clockwise direction to anti-clockwise direction.
There will be no change in fit, function, quality or reliability of the product.
The new revision of the affected order codes will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).

Details of Change:

To unify the winding direction of all the components in WE-HCI series, the winding direction of the coil for the mentioned order codes will be changed as shown below:

Before Change	After Change
Clockwise	Anti-clockwise
	

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Reliability / Qualification of Change:

An additional reliability testing was performed and approved.

Qualification according to AEC-Q200 table 05 'Process/Winding-wire' tests has been chosen.

Additional details of the tests can be found in the table below:

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Operational Life	77	MIL-STD-202-108	1000 h; Upper temperature of the chamber: maximum specified operating temperature(not including heat rise) at maximum rated power and shall not exceed 125 °C; Measurement at 24±4 hours after test conclusion.	Approved
External Visual	All	MIL-STD-883 Method 2009	Inspect device construction, marking and workmanship. Electrical test not required. Unpowered	Approved
Electrical Characterization	30	User Spec.	Parametrically test per lot and sample size requirements, summary to show Min, Max, Mean and Standard Deviation at room as well as Min and Max operating temperatures. Unpowered.	Approved