Würth Elektronik eiSos GmbH & Co. KG
EMC & Inductive Solutions
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WÜRTH ELEKTRONIK MORE THAN YOU EXPECT

Product/Process Change Notice (PCN)

☒ Major Change
☐ Minor Change

PCN Number: PCN_IndLHMI_20250606

Affected Series: WE-LHMI

Affected Part Number: Please refer to table 1

PCN Date: 2025-03-06 (YYYY-MM-DD)

Effective Date: 2025-06-06 (YYYY-MM-DD)

Change Category:
☒ Equipment/Location
☐ General Data
☒ Material
☐ Process
☐ Product Design
☐ Shipping/Packaging
☐ Supplier
☐ Software

Contact: Product Management

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Datasheet Change:
☐ Yes ☒ No

Attachment:
☐ Yes ☒ No

DESCRIPTION OF CHANGE:

To increase the production capability, Würth Elektronik eiSos will implement an additional production site, for the product series WE-LHMI with sizes and part numbers indicated in table 1. In consequence with this improvement on the production capability, Würth Elektronik eiSos has released a second source core material supplier.
There will be no change in form, fit, function, quality or reliability of the product.
The new revision of the affected part numbers will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).

DETAILS OF CHANGE:

Table 1. Affected part numbers

1. Size 4020:				
744373240010	744373240022	744373240033	744373240047	744373240056
744373240068	74437324010	74437324012	74437324015	74437324022
74437324033	74437324047	74437324056	74437324068	74437324082
74437324100	74437324150	74437324220		
2. Size 5020:				
744373340033	744373340047	744373340068	74437334010	74437334012
74437334015	74437334022	74437334033	74437334047	74437334056

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Komplementär Würth Elektronik eiSos Verwaltungs-GmbH, Sitz Waldenburg, Registergericht Stuttgart HRB 581033
Geschäftsführer Thomas Garz, Alexander Gerfer, 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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74437334068	74437334082	74437334100		
3. Size 7030:				
744373460022	744373460033	744373460047	744373460068	744373460082
74437346010	74437346015	74437346018	74437346022	74437346025
74437346033	74437346047	74437346056	74437346068	74437346082
74437346100	74437346150	74437346220		
4. Size 7050:				
744373490047	744373490056	744373490068	744373490082	74437349010
74437349012	74437349015	74437349022	74437349033	74437349047
74437349056	74437349068	74437349082	74437349100	74437349150
74437349220	74437349330	74437349470	74437349560	74437349680

1. For the product series WE-LHMI with sizes and part numbers indicated in table 1, the additional production site can be identified by the first three digits of the lot number, as follows:

Table 2. Production site identification

Before change	After change
Lot number: 364 XXX XXX XXXX XXX Country of origin on Delivery Note: China	Lot number: 364 XXX XXX XXXX XXX Lot number: 321 XXX XXX XXXX XXX Country of origin on Delivery Note: China

2. The material composition used by the released additional production site meets our specifications and performance standards. Neither quality, electrical, nor mechanical properties will change. Therefore, there will be also no datasheet change. There may be minor visual differences between the products from the two production sites. All dimensions and standard packaging quantities will remain the same as well.

RELIABILITY / QUALIFICATION OF CHANGE:

An additional reliability testing was performed and approved.
Qualification according to AEC-Q200 table 05.
Additional details of the tests can be found in the table below:

Test item	Sample Size	Reference	Test conditions	Acceptance
High Temperature Exposure	77	MIL-STD-202-108	125 °C, 1000 h	Approved

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Temperature Cycling	77	JESD22 -A-104	Preconditioning: Reflow 3 passes required -40 ℃ to 125 °C(shall not exceed 125°C), dwell time: 15 min (minimum), Transfer time max. 1 min, 1000 cycles	Approved
Humidity Bias	77	MIL-STD-202-103	Preconditioning: Reflow 3 passes required 85 °C, 85% RH, 1000 h	Approved
High Temperature Operational Life	77	MIL-STD-202-108	Preconditioning: Reflow 3 passes required 85 °C, 1000 h, Input current to archive temp. rise ΔT = 40 K	Approved
External Visual	All	MIL-STD-883-2009	N/A	Approved
Resistance to Solvents	5	MIL-STD-202-215	Solvent 1: Immersion for 3.0 min to 3.5 min, @ 25 °C ± 5 °C, brush 10 strokes (wet bristle), hand pressure 2 ounce to 3 ounce for 3 cycles with air-blown dry Note: Applicable to ink marked components and not laser marked components	Approved
	5		Solvent 3: Immersion for 3.0 min to 3.5 min @ 25 °C ± 5 °C, brush 10 strokes (wet bristle), hand pressure 2 ounce to 3 ounce for 3 cycles with rinse in approximately 25 °C water and air-blown dry Note: Applicable to ink marked components and not laser marked components	
	5		Solvent 4: Immersion for 3.0 min to 3.5 min @ 63 °C to 70 °C, brush 10 strokes (wet bristle), hand pressure 2 ounce to 3 ounce for 3 cycles with rinse in approximately 25 °C water and air-blown dry Note: Applicable to ink marked components and not laser marked components	
Mechanical Shock	30	MIL-STD-202-213	3 shocks in each direction (x, -x, y, -y, z, -z), peak value 100 g's, duration 6 ms, half-sine, velocity change 12.3 ft/sec.	Approved
Electrical Characterization	30	User Spec.	measure electrical property @ 20 °C, -40 °C, 125 °C.	Approved
Low Temperature Storage Life	77	JESD22-A119	-40 °C, 1000 h	Approved

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