



Product / Process Change Notification (PCN)

- ☒ Major change
☐ Minor change

PCN #: PCN_IndCMB_20230703
Affected Series: WE-CMB-Series; 744821xxx, 744822xxx
 744823xxx, 744824xxx, 744825xxx
 744826xxx and customized parts
PCN Date: April 03, 2023
Effective Date: July 03, 2023

Change Category:

- ☐ Equipment / Location
☐ General Data
☐ Material
☐ Process
☒ Product Design
☒ Shipping / Packaging
☐ Supplier
☐ Software

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Data Sheet Change:

- ☒ Yes ☐ No

Attachment:

- ☒ Yes ☐ No

Description and purpose of change:

Würth Elektronik will change the current base plate design and invest into new tooling to improve the processability.

Besides the label of the packaging will also change.

There will be no change in function or reliability of the product.

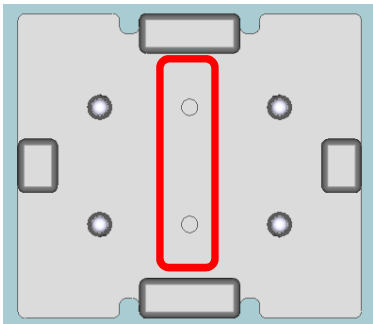
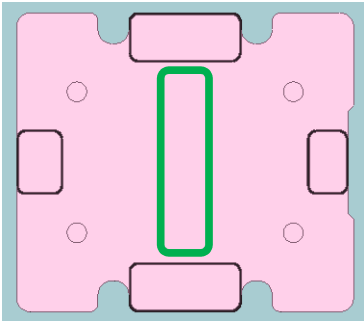
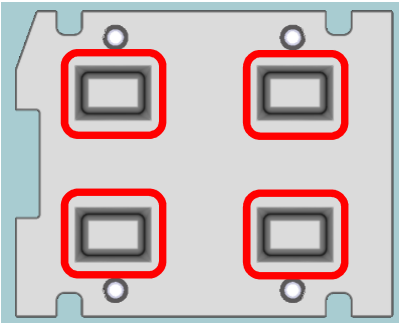
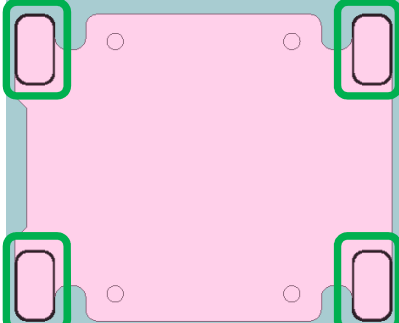
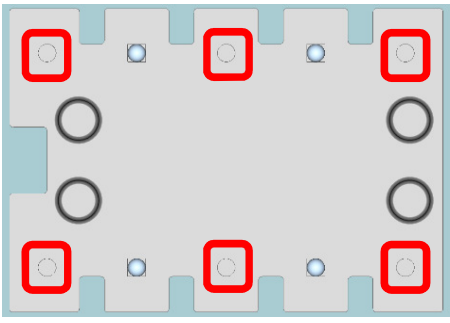
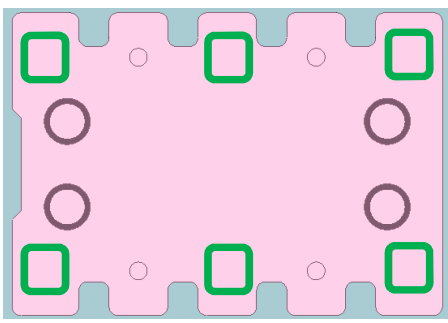
Detail of Change:

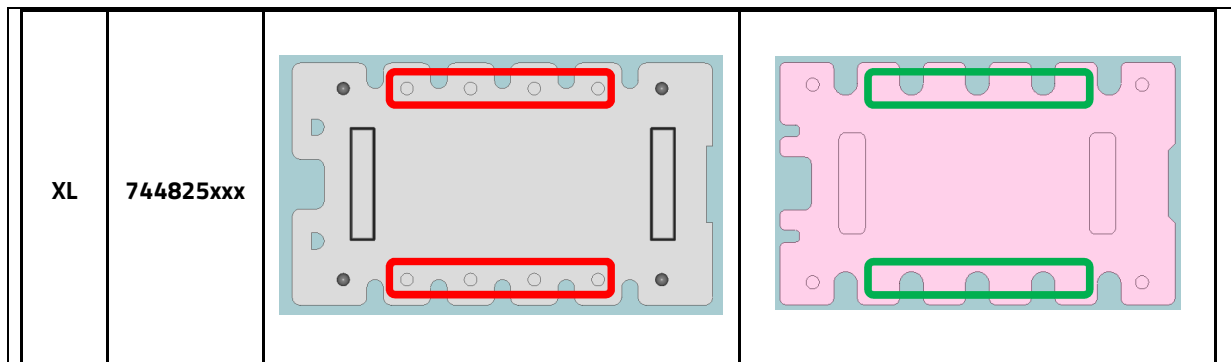
With the new design we will close all empty holes on the base plates, which are not necessary for the windings and have no function. This concerns all bases where the pins are injected in the base plate. Bases with winding ends as direct pins are not affected. The change affects the sizes S, L and XL. For size M we will change the position of the standoffs.

Page 2 shows more details.

We will distinguish this change in our lot number on the packaging:

	Before change	After change
Lot number	227xxxxxxxxx000	227xxxxxxxxx001
	369xxxxxxxxx000	369xxxxxxxxx001

Size		Before change (2D-View)	After change (2D-View)
S	744822xxx		
M	744823xxx		
L	744824xx		



According to the new requirement of standard IEC 60938-2 we will add the tolerance of the specified inductance in the label.

Before change	After change
	

Reliability / Qualification Summary:

Product approval is according to the specification criteria and is internally released by the Product Management Department.

The following items are part of the internal release process:

- Visual Appearance
- Mechanical Parameters (according to the specifications in the Datasheet)
- Electrical Parameters (according to the specifications in the Datasheet)

According to internally defined product change matrix we performed an additional vibration test.

SN	Test	Qty	Reference	Test condition
5	Vibration	30	MIL-STD-202G Method 204	15-2000 Hz, 10g's for 20 minutes, 12 cycles each of 3 orientations.