



Product / Process Change Notification (PCN)

- Major change
 Minor change

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>PCN #: PCN_IndCMB_20230703</p> <p>Affected Series: WE-CMB-Series; 744821xxx, 744822xxx 744823xxx, 744824xxx, 744825xxx 744826xxx and customized parts</p> <p>PCN Date: April 03, 2023</p> <p>Effective Date: July 03, 2023</p> | <p>Change Category:</p> <p><input type="checkbox"/> Equipment / Location <input type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input checked="" type="checkbox"/> Product Design <input checked="" type="checkbox"/> Shipping / Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software</p> |
| <p>Contact: Product Management</p> <p>Phone: +49 (0) 7942 - 945 5001</p> <p>Fax: +49 (0) 7942 - 945 5179</p> <p>E-Mail: pcn.eisos@we-online.com</p> | <p>Data Sheet Change: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> |

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.

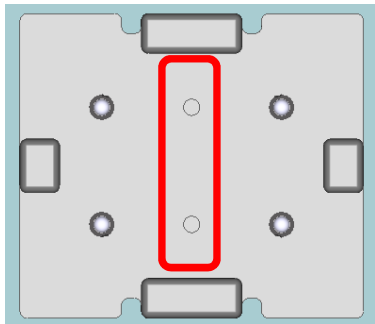
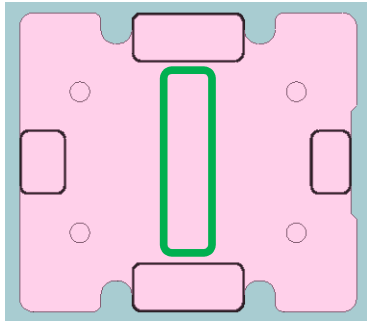
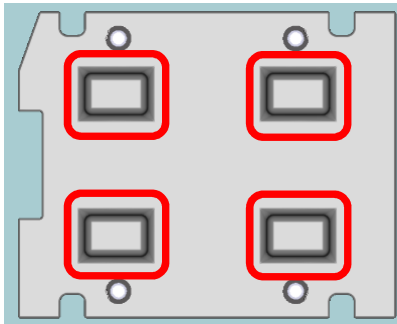
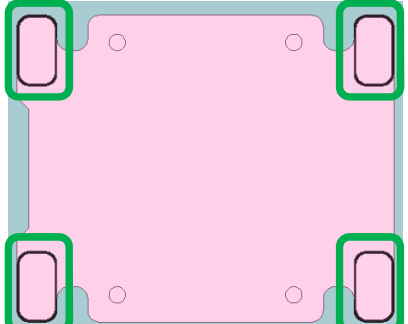
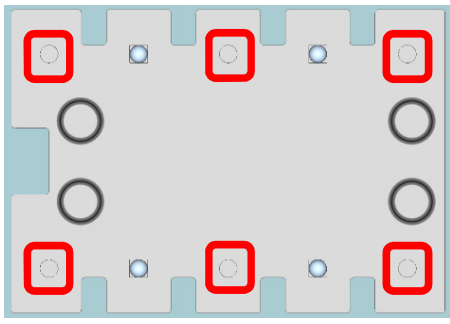
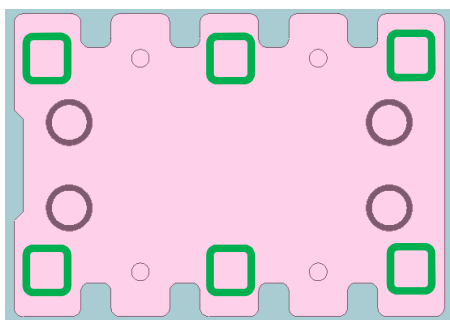
Detail of Change:

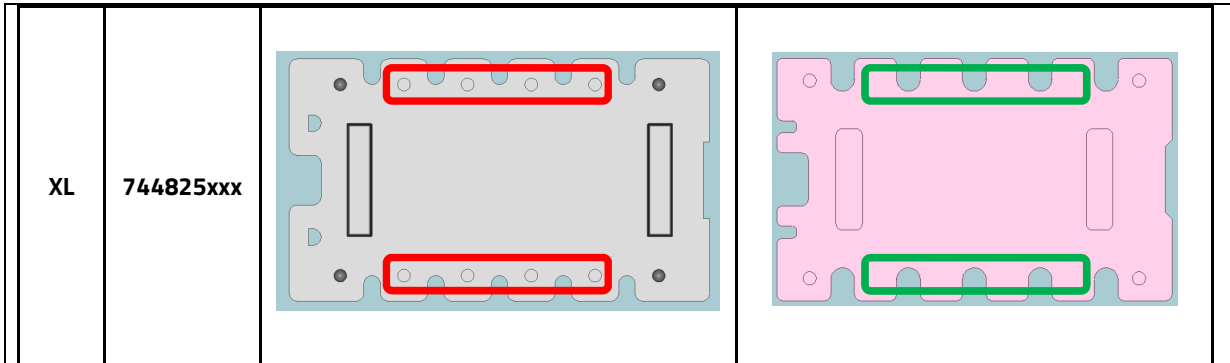
With the new design we will close all empty holes on the base plates, which are not necessary for the windings and have no function. This concerns all bases where the pins are injected in the base plate. Bases with winding ends as direct pins are not affected. The change affects the sizes S, L and XL.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



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. |