

PCN / PTN Handbook

Obsolescence-Management at Würth Elektronik eiSos already starts during the product creation. When designing new products we attach particular importance to product life cycles, well-engineered zero series as well as developmental configuration of production processes.

Customers trust Würth Elektronik because in the last years we carefully avoided discontinuing parts. We know that it is vital for our customers not to terminate even a single product. We transfer products to other production lines, develop upgrade products and allow last-time buys. However, in some rare cases we are forced to discontinue products. Würth Elektronik will take all possible actions to avoid such situations to retain the trust of our customers.

The continuous development of products, materials and manufacturing techniques and processes is being noticed more often by customers. These product modifications are communicated via the longstanding, standardized PCN system. Based on the underlying JEDEC-norms respectively our 'more than you expect' principle, we by far exceed the standard of the regulation.

Würth Electronics eiSos supports the COGD SMART PCN Standard for the standardization of product change notification with the aim of process automation, simplification and cost efficiency when addressing and implementing product change notifications.



Obsolescence within an active market for an innovative company with focus on continuous development and new product designs is not a sword of Damocles, but the challenge to shape the transition process as smooth as possible for the customer.

Würth Elektronik eiSos notifies:

All direct customers worldwide

- ⇒ **that received an invoice or delivery within the last two years (period to be defined customer specific) before PCN/PTN notification and officially sold or delivered samples**

Würth Elektronik eiSos **does not** notify:

- customers only served by distributors



The Product / Process Notifications contain the following information:

- Distinguish between major and minor change
 - Major: when the form, fit, function or reliability of a product is changed
 - Minor: all other changes
- Affected order codes
- Effective date
- Contact information
- Description and purpose of change
- Detail of change
- Reliability / qualification summary
- Data sheet change

For product terminations the following additional information are communicated:

- Recommended replacement part if applicable
- Last time buy date
- Last time ship date

Implementation of the Product / Process Change:

Notification: 90 days prior to implementation

Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.

Once the change is applied, Würth Elektronik stops producing the pre-change product and starts producing and selling the changed product. The first deliveries after change may still contain the pre-change products until the stock is cleared. The warehouse follows a strict first-in first-out principle leading to delivery of only changed products once they are shipped the first time.

Implementation of the Product Termination:

Notification: 6 months prior to discontinuance

Notice of LTB quantity: 60 days from date of notice

Last time buy order: 6 months from date of notice

Last shipment: 12 months from date of notice

Design Kits are not restricted to any product change or termination notice and may be changed and / or discontinued without any notice.

Würth Elektronik is following a strategy making Würth Elektronik independent from single sub-suppliers. However, for some rare cases Würth Elektronik is forced to notify the customers within a shorter time period and / or set tighter time frames for last time buy actions. To retain the trust of our customers Würth Elektronik will take all possible actions to avoid such situations.



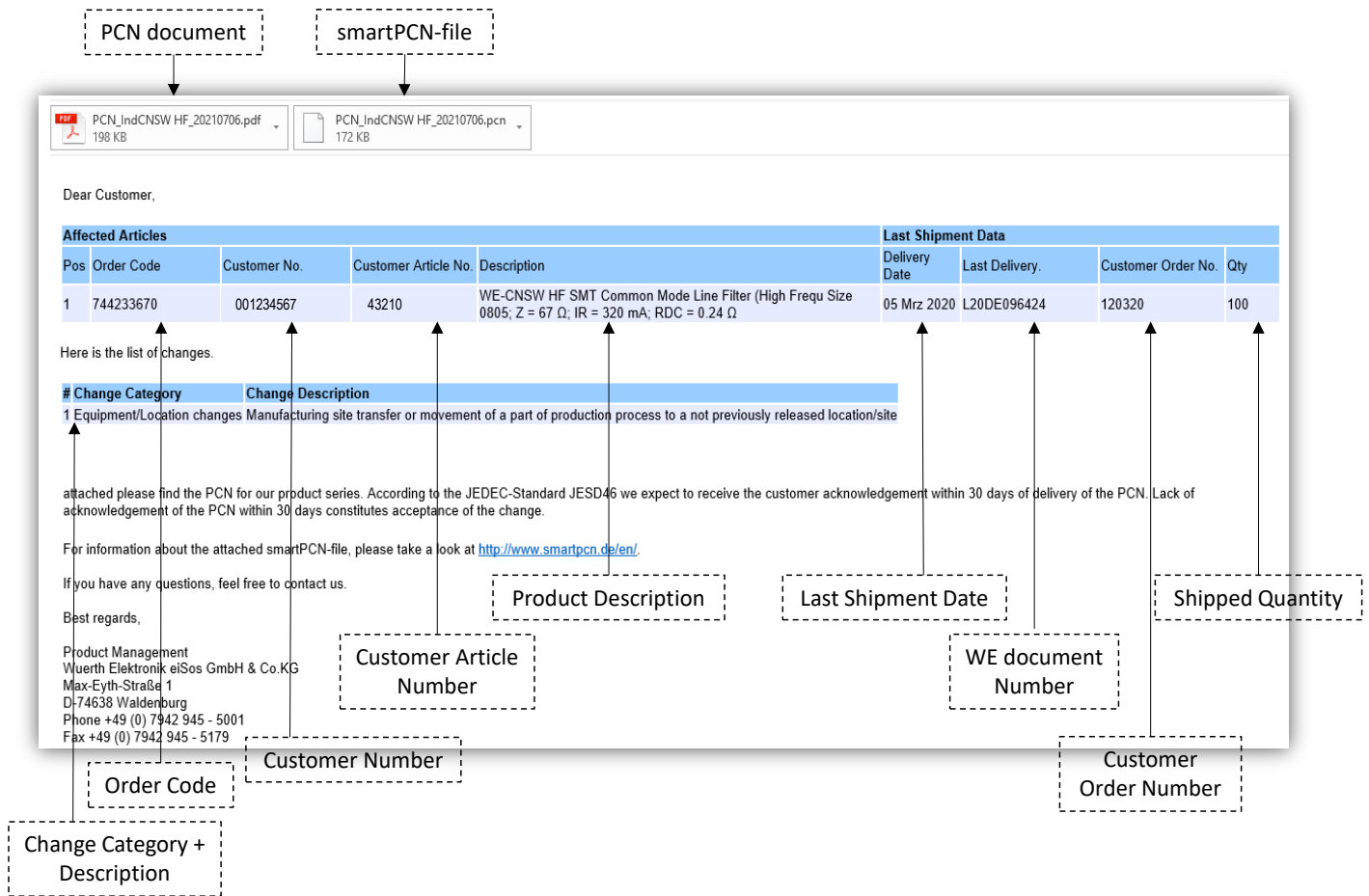
Würth Elektronik is anxious about the administration of the correct contact persons receiving our notification. However, if you are responsible for the PCN/PTN in your company and you haven't got an email yet, then please contact our sales staff who will take care about the correctness of the data administration.

Please add also the following contacts to your approved sender list: For the business unit

- Passive Components & Power Modules & Optoelectronics: pcn.eisos@we-online.de
- Electromechanics: pcn.eican@we-online.com
- Wireless Connectivity & Sensors: pcn.eisos@we-online.de
- Automotive & eMobility: pcn.eisos@we-online.de
- Würth Elektronik Midcom Inc.: pcn.midcom@we-online.com

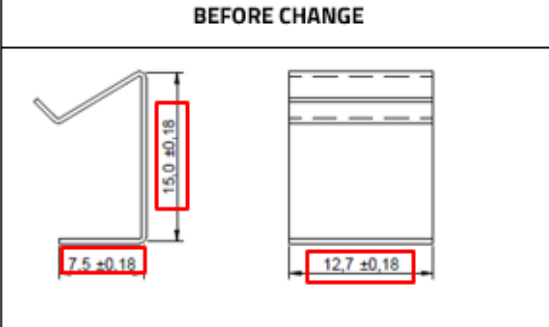
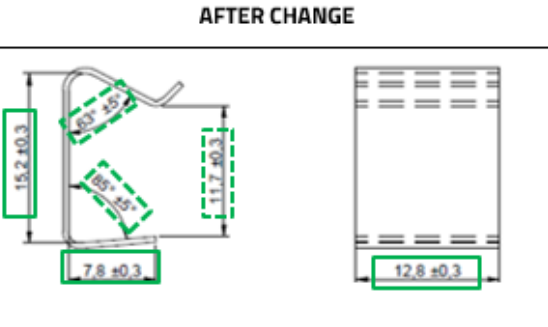
Request for any information regarding PCN / PTN document or regarding the change process should be sent to the above email addresses or to your sales contact.

Würth Elektroniks email notification has the following structure and information:



For Product Termination Notices replacement parts are offered if applicable as drop-in alternative or next best alternative.

Example of a PCN document:

Product / Process Change Notification (PCN)	
<input checked="" type="checkbox"/> Major change <input type="checkbox"/> Minor change	
PCN #: PCN_FeFCAC SFA_20200422 Affected Series: WE-FCAC SFA; 74277005 PCN Date: January 22, 2020 Effective Date: April 22, 2020	Change Category: <input type="checkbox"/> Equipment / Location <input checked="" type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping / Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eisos@we-online.com	Data Sheet Change: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Description and purpose of change: As a datasheet information amendment and correction, Würth Elektronik will add additional parameters and correct the drawing from a schematically shape to the real shape. Due to this correction, some dimensions and tolerances in the drawing will be corrected. This is a Datasheet correction and amendment only. There will be no change in form, fit, function, quality or reliability of the product.	
Detail of Change: Corrected dimensions and tolerances are marked with a red box before and green box after change. Added dimensions are marked with a dotted green box.	
BEFORE CHANGE	AFTER CHANGE
	
Reliability / Qualification Summary: There will be no change of the product, therefore no additional reliability or qualification testing will be performed.	