

Product/Process Change Notice (PCN)



- Major change
 Minor change

PCN #: PCN_WE-TIx_20141211

Product Affected: WE-TI & WE-TIS series

- Product Mark
 Date Code
 Packaging
 Others

PCN Date: 11th of December 2014

Effective Date: 11th of March 2015

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Attachment: Yes No

Samples:

DESCRIPTION AND PURPOSE OF CHANGE:

In order to increase the production capacity of the Product Series WE-TI and WE-TIS, Würth Elektronik will implement 2 additional production lines.
An inkjet printing process will also be implemented.
The scheduled date of supply availability is the 11th of March 2015.

DETAIL OF CHANGE:

- 1.) Neither electrical nor mechanical properties of the parts will be changed.
- 2.) The production lines can be identified by the first three digits of the lot number.

Lot.-No. of **current** production sites are beginning with:

- 184xxxxxxxxxxxx (Country of Origin: China)
- 227xxxxxxxxxxxx (Country of Origin: China)
- 284xxxxxxxxxxxx (Country of Origin: Thailand)

Lot.-No. of **additional** production sites are beginning with:

- 321xxxxxxxxxxxx (Country of Origin: China)
- 363xxxxxxxxxxxx (Country of Origin: China)

- 3.) Both inkjet and pad printing will be used from now on.

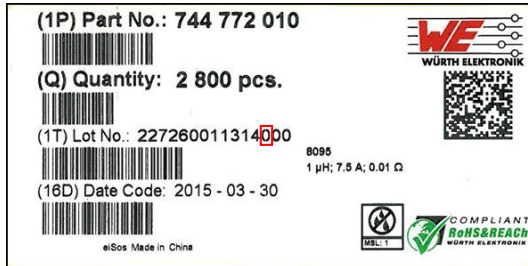
Inkjet Printing: Used for high quantity lot sizes

Pad Printing: Used for smaller quantity lot sizes

4.) Printing method can be identified on the label by the 13th digit in the lot number.

Lot.-No. for Pad Printing: xxxxxxxxxxxx0xx

Lot.-No. for Inkjet Printing: xxxxxxxxxxxx1xx



Label for
pad printing



Label for
inkjet printing

5.) Marking appearance with pad printing and inkjet printing:



Marking with
pad printing



Marking with
inkjet printing

In case of inkjet printing, WE logo will be replaced by a "WE" signature for all parts of WE-TI 1014 and WE-TIS 1111 series. For Pad Printing the WE Logo will remain.

Only for WE-TI 1014 and WE-TIS 1111:



Marking with
pad printing
(with WE-Logo)



Marking with
inkjet printing
(with "WE" signature)

RELIABILITY / QUALIFICATION SUMMARY:

Process & Machine approval is according to internal requirements released by the Quality Department and the Product Management Department.

After the production has started the WE-TI and WE-TIS series will be verified by an internal WE-Reliability Test.

WE-Reliability Test Instruction for WE-TI and WE-TIS:

- High Temperature Exposure (MIL-STD-202 Method 108)
- Moisture Resistance (MIL-STD-202 Method 106)
- Operational Life (MIL-PRF-27)
- Terminal Strength (MIL-SRD-202 Method 211)
- Vibration (MIL-STD-202 Method 204)
- Three Times Wave (EN61760-1:2006)
- Solderability (JESD22-B102)
- Thermal Shock (MIL-STD-202 Method 107)
- Low Temperature Storage Life (JESD22-A119)

DATA SHEET CHANGE:

Yes

No

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