

Würth Elektronik eiSos GmbH &amp; Co. KG

EMC &amp; Inductive Solutions

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## Product / Process Change Notification (PCN)

- Major change  
 Minor change

**PCN #:** PCN\_UtFlyLT\_20210426\_1  
**Affected Series:** UtFlyLT MID; See p/n range below  
**PCN Date:** January 26, 2021  
**Effective Date:** April 26, 2021

**Change Category:**

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

**Contact:** Product Management  
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**Data Sheet Change:**

Yes       No

**Attachment:**

Yes       No

### DESCRIPTION AND PURPOSE OF CHANGE:

Due to internal standardization, Würth Elektronik will change bobbin, coil tape, and core tape material to meet Halogen-Free requirements.

Additionally, Würth Elektronik will remove a solder note, adjust width dimension, and modify the terminal pitch dimension.

For part numbers 750311019, 750311558, and 750311559 a customer tie and solder bridge note will be added.

For part numbers 750311558, 750311559, and 750311660 the marking will be updated.

Finally, the dielectric test specification for part number 750312558 will be updated.

All products with date code 2021-04-27 or later, will be affected by this change.

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

Below is a list of the effected part numbers:

750311019, 750311558, 750311559, 750311659, 750311660, 750311838, 750312558

### DETAIL OF CHANGE:

- All part numbers (750311019, 750311558, 750311559, 750311659, 750311660, 750311838, 750312558) are affected by the following changes

- Bobbin material will change

From	To
AM-113	WH-9100



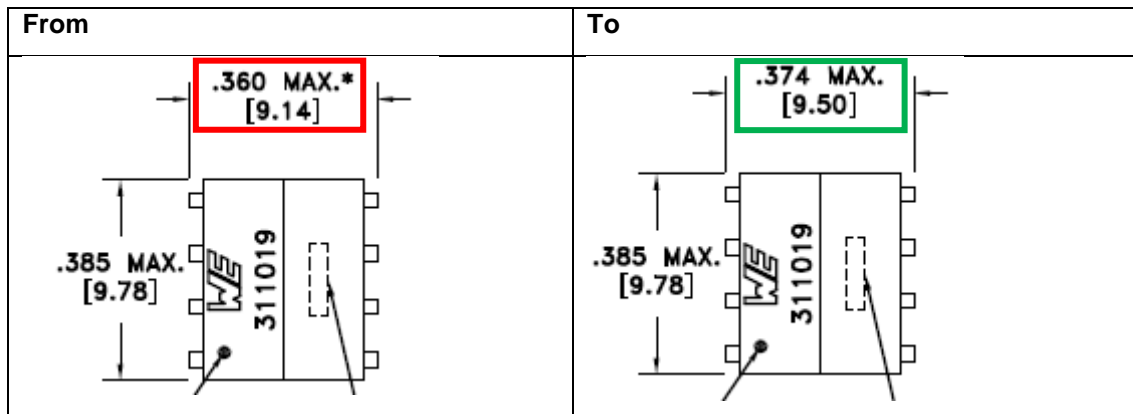
- Coil tape will change

From	To
3M Polyester Film #1351-1	Yahua Polyester Film CT-280

- Core tape will change

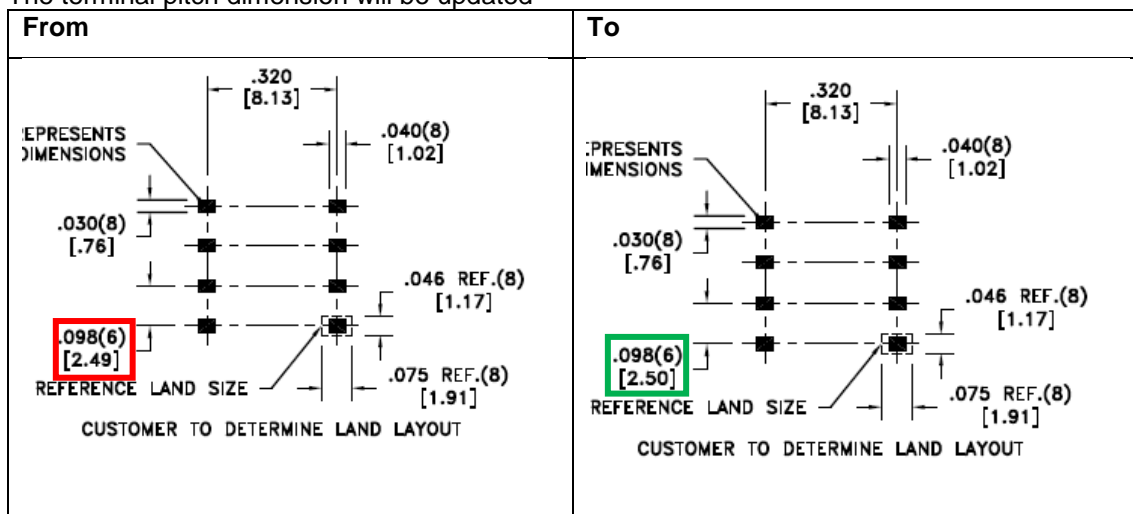
From	To
3M Polyester Film #1351-1	Yahua Polyester Film CT-280

- The width dimension will change



- The following solder note will be removed on the specification sheet:  
**\* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY**

- The terminal pitch dimension will be updated





2. Part numbers 750311019, 750311558, 750311559 are affected by the following change

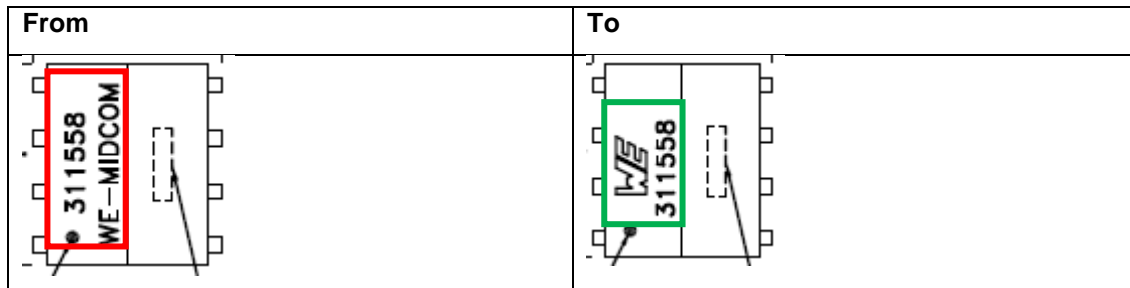
- The following note will be added to the specification sheet

**Customer to tie terminals  
5+6 on PC board.**

**Application of the transformer allows  
for the leadwires between terminals  
5&6 to solder bridge.**

3. Part numbers 750311558, 750311559, and 750311838 are affected by the following change

- The marking will be updated



4. Part number 750312558 is affected by the following change

- The dielectric test on the specification sheet will be updated

From			
DIELECTRIC	1-8	1875VAC, 1 second	1500VAC, 1 minute
To			
DIELECTRIC	1-8	tie(6+7) 1875VAC, 1 second	1500VAC, 1 minute

**RELIABILITY / QUALIFICATION SUMMARY:**

- Moisture Resistance: Reference Standard: MIL-STD-202G, Method 103;
- Resistance to Soldering Heat: Reference Standard: MIL-STD-202G, Method 210, @ 260±5°C/10±1s;
- Mechanical Vibration: Reference Standard: MIL-STD-202G, Method 204, @ 10-2000 Hz 5g's fo20 minutes, 12 cycles;
- Mechanical Shock: Reference Standard: MIL-STD-202G Method 213, Condition C;
- Thermal Cycling: -40°C to +125C, 1000 cycles. Dwell time 30min, Max transition time 1min.