



## Product / Process Change Notification (PCN)

- Major change  
 Minor change

**PCN #:** PCN\_UtPoEH\_20230701  
**Affected Series:** WE-UtPoEH; 749119XXX  
**PCN Date:** April 01, 2022  
**Effective Date:** July 01, 2022

- 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:

In order to enhance the product reliability, Würth Elektronik will update insulation tape of the transformer from 3M 1388Y-1 polyester film tape to Jingjiang Yahua PF\*(d)(g) polyimide film tape.  
 In addition, the marking will be updated from ink to laser marking.  
 Finally, the AEC-Q200 qualification stamp will be added to the datasheet.

All products with date code 2023-07-12 or later, will be affected by this change.  
 There will be no change in fit, function, or quality of the product.

### Detail of Change:

- The insulation tape will be updated

From	To
3M 1388Y-1 (E17385) polyester film tape	Jingjiang Yahua PF*(d)(g) (E165111) polyimide film tape

- Marking will be updated

From	To
Ink Marking	Laser Marking

- An AEC-Q200 stamp will also be added to the datasheet



#### Reliability / Qualification Summary:

- High Temperature Exposure: Reference Standard: MIL-STD-202-108 @ 125°C, 1000h
- Temperature Cycling: Reference Standard: JESD22 Method JA-104 @ -40°C(30min) – 125°C(30min), max transfer time 1min, 1000 cycles
- Biased Humidity: Reference Standard: MIL-STD-202-103 @ 85°C, 85%RH, 1000h
- External Visual: Reference Standard: MIL-STD-883-2009
- Physical Dimension: Reference Standard: JESD22 Method JB-100
- Resistance to Solvents: Reference Standard: MIL-STD-202-215
- Mechanical Shock: Reference Standard: MIL-STD-202-213 @ Shocks in each direction(x, -x, y, -y, z, -z), peak value 100g's, duration 6ms, half-sine, velocity change 12.3ft/sec.
- Vibration: Reference Standard: MIL-STD-202-204 @ 10g's for 20min, 12cycles each of 3 orientations, test from15~2000HZ
- Resistance to Solder Heat: Reference Standard: J-STD-020 @ 245°C, tp=30~35s, 5 times reflow
- Solderability: Reference Standard: IPC-A-610 @ Steam Aging 8 hrs±15min @93°C, Tc=240~245°C, tp=20~30s.
- Board Flex: Reference Standard: AEC-Q200-005 @ bending 2mm (Min), 60(+5) sec
- Terminal Strength(SMD) : Reference Standard: AEC-Q200-006 @ Push off Force 17.7N
- Low Temperature Storage Life: Reference Standard: JESD22-A119 @ -40°C, 1000h