

Würth Elektronik eiSos GmbH & Co. KG

EMC & Inductive Solutions

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Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_UtPoE_20220107

Affected Series: WE-PoE; See p/n range below

PCN Date: December 03, 2021

Effective Date: January 07, 2022

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:

To meet current customer demands, Würth Elektronik will be changing the tape and epoxy to meet Halogen-Free requirements.

Finally, the DCR specification will be updated on part number 749119950.

All products with date code 2022-01-07 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:

7491199112, 749119133, 749119150, 749119218, 749119233, 749119250, 749119318, 749119333, 749119350, 749119933, 749119950, 7491192912, 7491193912, 7491199212, 7491199331, 7491199501

DETAIL OF CHANGE:

- All part numbers (7491199112, 749119133, 749119150, 749119218, 749119233, 749119250, 749119318, 749119333, 749119350, 749119933, 749119950, 7491192912, 7491193912, 7491199212, 7491199331, 7491199501) are affected by the following changes.

- All tapes being used on the transformer (Ex. Core, finish, and wrapper) will be updated

| From | To |
|-------------|----------|
| 3M #1350F-1 | 3M #1388 |

- The epoxy is being updated

| From | To |
|--|---|
| Guangzhou Wells Electronic Material Co., LTD 6020H-2050 or S-9001A-6F | Guangzhou Wells Electronic Material Co., LTD 6020H-2050(NH) or S-9001A-6F (NH) |

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2. For part number 749119950, the DCR specifaion from pins 2-1 will be updated

| From | To |
|------------|------------|
| 450mΩ max. | 510mΩ max. |

RELIABILITY / QUALIFICATION SUMMARY:

- High Temperature Exposure (Storage): Reference Standard: 160°C for 96Hr unpowered;
- Resistance to Soldering Heat: Reference Standard: IPC/JDEC J-STD-02D 5 times;
- Thermal Shock: Reference Standard: MIL-STD-202G Method 107 30 minute dwell time, @ (-40°C ~ 125°C) 40cycles;
- Mechanical Vibration: Reference Standard: Frequency: 15 ~ 2000 Hz, 10g's for 20 minutes, 12 cycles each of 3 orientations;