

Würth Elektronik eiSos GmbH &amp; Co. KG

EMC &amp; Inductive Solutions

Max-Eyth-Straße 1 · 74638 Waldenburg · Germany

Tel. +49 (0) 79 42 945-0 · Fax +49 (0) 79 42 945-400

eiSos@we-online.de · www.we-online.de



## Product / Process Change Notification (PCN)

- Major change  
 Minor change

**PCN #:** PCN\_IndPD\_20210727

**Affected Series:** WE-PD; 744771xxx, 744770xxx

**PCN Date:** April 27, 2021

**Effective Date:** July 27, 2021

### Change Category:

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

- Yes  No

### Attachment:

- Yes  No

### DESCRIPTION AND PURPOSE OF CHANGE:

To meet current customer demands, Würth Elektronik releases a 2<sup>nd</sup> Source Material for core and ring of the component.

All products with date code 2021-07-27 or later, will be affected by this change.

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

### DETAIL OF CHANGE:

Because of the Covid 19 pandemic, worldwide supply chains have been interrupted. To ensure the constant availability of the product, an additional source for core and ring material has been released for the WE-PD size 1260 744771xxx and 1280 744770xxx.

The 2<sup>nd</sup> Source Material has identical characteristics like the 1<sup>st</sup> source material. Because of this, there will be no change in the datasheet.

After the effective date the sizes 1260 and 1280 will be produced with both sources.

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## **RELIABILITY / QUALIFICATION SUMMARY:**

### **AECQ200 Qualification:**

- High Temperature Exposure (Storage) MIL-STD-202 Method 108
- Temperature Cycling JESD22 Method JA-104
- Biased Humidity MIL-STD-202 Method 103
- Operational Life MIL-STD-883-2009
- External Visual MIL-STD-883 Method 2009
- Physical Dimensions JESD22 Method JB-100
- Resistance to Solvent MIL-STD-202 Method 215
- Mechanical Shock MIL-STD-202 Method 213
- Vibration MIL-STD-202 Method 204
- Resistance to Solder Heat J-STD-020
- ESD AEC-Q200-002 or ISO/DIS 10605
- Solderability IPC-A-610
- Electrical Characterization User Spec.
- Board Flex AEC-Q200-005
- Terminal Strength(SMD) AEC-Q200-006
- Low Temperature Storage Life JESD22-A119