

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\_IndPDA\_20211201

**Affected Series:** WE-PDA; 78477xx

**PCN Date:** June 01, 2021

**Effective Date:** December 01, 2021

### 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:

To meet current customer demands, Würth Elektronik will release a second source for core material with same electrical and mechanical properties.

All products with date code 2021-12-01 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:

The new core material has the same material composition and manufacturing process. Therefore, the final product will have the same characteristics regardless of the material to be used. The new material will be handled as a second source to increase capacity and viability for possible future scenarios in the supply chain.

The table below shows the detailed information of the material composition for both material supplier:

Semi-Component	Material acc. ISO 22628/IMDS	Substances	CAS
First Source	NiZn – 7.2 Ceramic/Glass	Iron oxide(Fe2O3)	1309-37-1
		Nickel oxide(NiO)	1313-99-1
		Zinc oxide(ZnO)	1314-13-2
		Copper oxide(CuO)	1317-38-0
Second Source	NiZn – 7.2 Ceramic/Glass	Iron oxide(Fe2O3)	1309-37-1
		Nickel oxide(NiO)	1313-99-1
		Zinc oxide(ZnO)	1314-13-2
		Copper oxide(CuO)	1317-38-0

### RELIABILITY / QUALIFICATION SUMMARY:

Product approval is according to the AEC-Q200 and is internally released by the Product Management Department.

- Change/Implementation of supplier of material: Test 4 "Temperature Cycling, Test 7 "Bias Humidity", Test 9 "External Visual", Test 10 "Physical Dimensions", Test 19 "Electrical Characterization".