



## Product / Process Change Notification (PCN)

- Major Change  
 Minor Change

<b>PCN Number:</b> PCN_Wired_Ferrites_20241227  <b>Affected Series:</b> WE CMS, WE-SUKW, WE-WAFB, WE-MLS  <b>Affected Order Codes:</b> see table below  <b>PCN Date:</b> 2024-09-27 (YYYY-MM-DD) <b>Effective Date:</b> 2024-12-27 (YYYY-MM-DD)	<b>Change Category:</b> <input type="checkbox"/> Equipment/Location <input checked="" type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software
<b>Contact:</b> Product Management  <b>Phone:</b> +49 (0) 7942 - 945 5001  <b>Fax:</b> +49 (0) 7942 - 945 5179  <b>E-Mail:</b> pcn.eisos@we-online.com	<b>Datasheet Change:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <b>Attachment:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### Description of Change:

Due to internal standardisation, Würth Elektronik eiSos will extend the operating temperature. There will be no change in form, fit, function, quality or reliability of the product.

Affected order codes:

WE-CMS	WE-SUKW	WE-WAFB	WE-MLS
7427520	7427511	7427602	74273001
7427521	7427512	7427603	74273002
7427523		74276031	742730021
		74276032	742730022
		7427604	742730023
		74276041	74273012
		7427605	742730123
		74276051	742730223
		7427606	74273031
		7427620	742730321
			74273202
			742732023



**Details of Change:**

	<b>Before Change</b>	<b>After Change</b>
Operating Temperature WE-MLS	- 25 °C up to + 125 °C	- 55 °C up to + 125 °C
Operating Temperature WE-WAFB; WE-SUKW; WE-CMS	- 40 °C up to + 125 °C	- 55 °C up to + 125 °C

**Reliability / Qualification of Change:**

Product approval is according to the specification criteria and is internally released by the Product Management Department.

**The following items are part of the internal release process:**

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Visual Appearance	10	Product specification	Room temperature	Approved
Mechanical Parameters	10	Product specification	Room temperature	Approved
Electrical Parameters	10	Product specification	Room temperature	Approved
Thermal Electrical Parameters	10	Product specification	-55 °C to 125 °C	Approved

**For WE-CMS and WE-SUKW additional testing according AECQ was done according the table below:**

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Temperature Cycling	77	JESD22 Method JA-104	- 55 °C (30 min) - 125 °C (30 min), Transfer time max. 1 min., 1000 cycles	Product Family Approved
Low Temperature Storage Life	77	JESD22-A119	-55 °C, 1000 h	Product Family Approved