



<b>Product / Process Change Notification (PCN)</b>	
<input checked="" type="checkbox"/> Major Change <input type="checkbox"/> Minor Change	
<b>PCN Number:</b> PCN_IndLQ_20250301  <b>Affected Series:</b> WE-LQ  <b>Affected Part Number:</b> Please see table 1  <b>PCN Date:</b> 2024-12-01 (YYYY-MM-DD) <b>Effective Date:</b> 2025-03-01 (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
<b>DESCRIPTION OF CHANGE:</b> <p>In order to enhance the product reliability, Würth Elektronik eiSos is updating the inductance tolerance values for the WE-LQ series sizes 1210 and 1812.</p> <p>There will be no change in form, fit, function, quality or reliability of the product.</p> <p>The new revision of the affected order codes will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).</p>	



**DETAILS OF CHANGE:**

**Table 1. Affected Part Numbers**

**a. Size 1210:**

7440320015	7440320018	744032002	7440320027	744032003
7440320039	744032004	7440320056	744032006	744032008
744032100	744032120	744032150	744032180	744032220
744032470	744032680	744032101	744032121	744032221
744032331	744032471			

**b. Size 1812:**

744045004	7440450056	744045006	744045008	744045100
744045120	744045150	744045180	744045220	744045330
744045470	744045680	744045820	744045210	744045215
744045391	744045471	744045681	744045821	744045102
744045152	744045222			

**Table 2. Inductance Tolerance Changes**

The inductance tolerance will be updated accordingly:

Part Number	Before Change				After Change			
		Value	Unit	Tolerance		Value	Unit	Tolerance
7440320015	L	1.5	µH	+/- 20%	L	1.5	µH	+/- 5%
7440320018	L	1.8	µH	+/- 20%	L	1.8	µH	+/- 5%
744032002	L	2.2	µH	+/- 20%	L	2.2	µH	+/- 5%
7440320027	L	2.7	µH	+/- 20%	L	2.7	µH	+/- 5%
744032003	L	3.3	µH	+/- 20%	L	3.3	µH	+/- 5%
7440320039	L	3.9	µH	+/- 20%	L	3.9	µH	+/- 5%
744032004	L	4.7	µH	+/- 20%	L	4.7	µH	+/- 5%
7440320056	L	5.6	µH	+/- 20%	L	5.6	µH	+/- 5%
744032006	L	6.8	µH	+/- 20%	L	6.8	µH	+/- 5%
744032008	L	8.2	µH	+/- 20%	L	8.2	µH	+/- 5%
744032100	L	10	µH	+/- 20%	L	10	µH	+/- 5%
744032120	L	12	µH	+/- 10%	L	12	µH	+/- 5%
744032150	L	15	µH	+/- 10%	L	15	µH	+/- 5%
744032180	L	18	µH	+/- 10%	L	18	µH	+/- 5%



Part Number	Before Change				After Change			
744032220	L	22	µH	+/- 10%	L	22	µH	+/- 5%
744032470	L	47	µH	+/- 10%	L	47	µH	+/- 5%
744032680	L	68	µH	+/- 10%	L	68	µH	+/- 5%
744032101	L	100	µH	+/- 10%	L	100	µH	+/- 5%
744032121	L	120	µH	+/- 10%	L	120	µH	+/- 5%
744032221	L	220	µH	+/- 10%	L	220	µH	+/- 5%
744032331	L	330	µH	+/- 10%	L	330	µH	+/- 5%
744032471	L	470	µH	+/- 10%	L	470	µH	+/- 5%
744045004	L	4.7	µH	+/- 20%	L	4.7	µH	+/- 10%
7440450056	L	5.6	µH	+/- 20%	L	5.6	µH	+/- 10%
744045006	L	6.8	µH	+/- 20%	L	6.8	µH	+/- 10%
744045008	L	8.2	µH	+/- 20%	L	8.2	µH	+/- 10%
744045100	L	10	µH	+/- 20%	L	10	µH	+/- 5%
744045120	L	12	µH	+/- 20%	L	12	µH	+/- 5%
744045150	L	15	µH	+/- 20%	L	15	µH	+/- 5%
744045180	L	18	µH	+/- 20%	L	18	µH	+/- 5%
744045220	L	22	µH	+/- 10%	L	22	µH	+/- 5%
744045330	L	33	µH	+/- 10%	L	33	µH	+/- 5%
744045470	L	47	µH	+/- 10%	L	47	µH	+/- 5%
744045680	L	68	µH	+/- 10%	L	68	µH	+/- 5%
744045820	L	82	µH	+/- 10%	L	82	µH	+/- 5%
744045210	L	100	µH	+/- 10%	L	100	µH	+/- 5%
744045215	L	150	µH	+/- 10%	L	150	µH	+/- 5%
744045391	L	390	µH	+/- 10%	L	390	µH	+/- 5%
744045471	L	470	µH	+/- 10%	L	470	µH	+/- 5%
744045681	L	680	µH	+/- 10%	L	680	µH	+/- 5%
744045821	L	820	µH	+/- 10%	L	820	µH	+/- 5%
744045102	L	1000	µH	+/- 10%	L	1000	µH	+/- 5%
744045152	L	1500	µH	+/- 10%	L	1500	µH	+/- 5%
744045222	L	2200	µH	+/- 10%	L	2200	µH	+/- 5%

**RELIABILITY / QUALIFICATION OF CHANGE:**

An additional reliability testing was performed and approved.

Additional details of the tests can be found in the table below:

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Electrical Parameters	10	Product specification	Room temperature	Approved