

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

<b>PCN #:</b>	PCN_IndTI_20190914	<b>Change Category:</b>	<input type="checkbox"/> Equipment / Location
<b>Affected Series:</b>	WE-TI-Series; 7447720xxx, 7447722473	<input type="checkbox"/> General Data	<input type="checkbox"/> Material
<b>PCN Date:</b>	June 14, 2019	<input type="checkbox"/> Process	<input checked="" type="checkbox"/> Product Design
<b>Effective Date:</b>	September 14, 2019	<input type="checkbox"/> Shipping / Packaging	<input type="checkbox"/> Supplier
<b>Contact:</b>	Product Management	<input type="checkbox"/> Software	
<b>Phone:</b>	+49 (0) 7942 - 945 5001	<b>Data Sheet Change:</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Fax:</b>	+49 (0) 7942 - 945 5179	<b>Attachment:</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>E-Mail:</b>	pcn.eisos@we-online.com		

### DESCRIPTION AND PURPOSE OF CHANGE:

To improve the processability of the Product Series WE-TI 8095, Würth Elektronik will change the wire diameter and core dimensions of below part numbers.

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

All products with date code 2019-03-16 or later, will be affected by this change.

### DETAIL OF CHANGE:

The adjustments will have an influence on the electrical properties of the parts. The mechanical properties are not affected. Details for each affected part number can be seen in the table below.

article	DC resistance		DC resistance		rated current		saturation current		self resonant frequency	
	max.		typ.							
	[mΩ]		[mΩ]		[A]		[A]		[MHz]	
	before	after	before	after	before	after	before	after	before	after
7447720150	45	48	33	38	3,3	3,2	3	4	16,5	16
7447720180	47	53	41	42	3,1	3,1	3,5	3,7	14,1	15
7447720151	300	350	243	283	1,1	1,1	1,2	1,1	4,4	4,5
7447720181	390	430	287	350	1,05	1	1,1	1	3,8	3,8
7447720122	2600	2390	2300	2140	0,36	0,42	0,45	0,42	1,5	1,5
7447720222	4730	4730	3300	4160	0,3	0,29	0,35	0,35	1,1	1,1
7447720392	7000	8050	5795	7340	0,26	0,22	0,27	0,27	0,7	0,88
7447722473	125000	112000	93000	90800	0,075	0,06	0,08	0,07	0,21	0,22

### RELIABILITY / QUALIFICATION SUMMARY:

Product approval is according to internal requirements released by the Product Management Department.