



Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_IndTPC_20230504

Affected Series: WE-TPC; 744066xxx

PCN Date: February 02, 2023

Effective Date: May 04, 2023

Change Category:

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

Contact: Product Management

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Data Sheet Change:

- Yes No

Attachment:

- Yes No

Description and purpose of change:

To increase and improve product reliability, Würth Elektronik will change the winding process for the series WE-TPC, size 1038 with part number range of 744066xxx. To meet the changed requirements of the process, the winding conditions are adjusted and additionally the electrical values of the part number range are changed. All products with date code 2023-01-20 or later, will be affected by this change. There will be no change in form, fit, quality or reliability of the product.



Detail of Change:

	DC Resistance before change [mΩ]	DC Resistance after change [mΩ]	Rated Current before change [A]	Rated Current after change [A]
Test conditions:	@ 20 °C	@ 20 °C	$\Delta T = 30K$	$\Delta T = 40K$
Tolerance:	typ.	typ.	max.	max.
<u>Partnumber</u>				
7440660015	5,2	6,6	7,20	9,60
7440660022	7,7	8,2	6,70	8,80
7440660035	11,5	13	5,80	6,60
7440660005	14,5	16,8	4,90	5,30
7440660062	16,5	20	4,30	5,00
744066100	25	27	3,60	3,90
744066150	37	45	3,20	3,00
744066180	54	48	2,80	2,95
744066220	55,8	63	2,50	2,60
744066330	92	92	2,10	2,00
744066470	121	138	1,75	1,60
744066680	185	155	1,50	1,55
744066101	255	265	1,20	1,15
744066151	350	400	1,00	0,95
744066221	570	505	0,75	0,85
744066331	770	750	0,60	0,70
744066681	1650	1750	0,46	0,46

Reliability / Qualification Summary:

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:

- Visual Appearance
- Mechanical Parameters (specified in the Datasheet)
- Electrical Parameters (specified in the Datasheet)