

Würth Elektronik eiSos GmbH & Co. KG

EMC & Inductive Solutions

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Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_IndPMI_20200316
Affected Series: WE-PMI 1008; 74479887xxxA

PCN Date: December 16, 2019
Effective Date: March 16, 2020

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:

In order to increase the production capacity of the Product Series WE-PMI, Würth Elektronik will add an additional production line.

DETAIL OF CHANGE:

The production lines can be identified by the first three digits of the lot number.

1. Lot No. of already established production line:
 Lot number starting with 187
 Country of Origin: Taiwan

Lot No. of additional production line:
 Lot number starting with 241
 Country of Origin: Taiwan

2. The RDC of 74479887210A will change from 100mOhm to 75mOhm

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During continues process and product improvement, the RDC has changed for one part.

Part number	Properties		Test conditions	Value old	Value new	Unit	Tol.
74479887210A	DC Resistance	RDC	@ 20°C	100	75	mΩ	±30%
74479887210A	DC Resistance	RDC	@ 20°C	130	97.5	mΩ	max.

Beside of this one change in the RDC, there will be no change in form, fit, function, quality or reliability of the product.

RELIABILITY / QUALIFICATION SUMMARY:

Please see the Reliability Overview as below. All Tests were passed

	Test	Qty	Reference	Test conditions
1	High Temperature Exposure (Storage)	30	MIL-STD-202 Method 108	125°C, 1000 hrs.
2	Temperature Cycling	30	JESD22 Method JA-104	1000 cycles (-40°C to +125°C).
3	Biased Humidity	30	MIL-STD-202 Method 103	1000 hours , 85°C, 85%RH. Unpowered.
4	Operational Life	30	MIL-PRF-27	1000 hrs. , 105°C. Unpowered.
5	Resistance to Soldering Heat	30	MIL-STD-202 Method 210	Condition B, No pre-heat of samples. solder temperature : 260 ±5°C Dip time : 10 ±1sec
6	Solderability	30	J-STD-002C	Conditions B1 solder temperature : 255±5 °C Dip time : 5+0/-0.5sec

Reliability test according to AEC-Q200-REV D test requirements