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_20210601
Affected Series:	WE-PMI 1008; 74479787210A
PCN Date:	March 08, 2021
Effective Date:	June 01, 2021

Change Category:

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

Contact:	Product Management
Phone:	+49 (0) 7942 - 945 5001
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Data Sheet Change:

☒ Yes ☐ No

Attachment:

☐ Yes ☒ No

DESCRIPTION AND PURPOSE OF CHANGE:

For the part 74479787210A the notice “PTN_IndPMI_20201123” was send out on 22. May 2020 with Effective Date on November 23th, 2020.
With this PCN we want to announce a possibility to continue the article where beside of the RDC the electrical values and mechanical dimensions are identical.

DETAIL OF CHANGE:

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

1. Lot No. of the EOL production line:
   Lot number starting with 276
   Country of Origin: Taiwan

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

2. The RDC of 74479787210A will change from 55mOhm to 71.5mOhm

Part number	Properties		Test conditions	Value old	Value new	Unit	Tol.
74479787210A	DC Resistance	RDC	@ 20°C	55	71.5	mΩ	±30%

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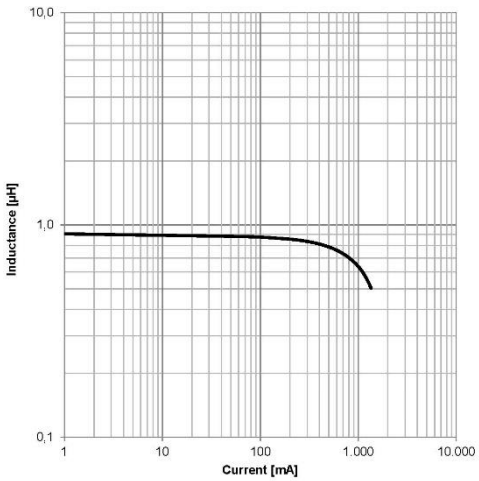
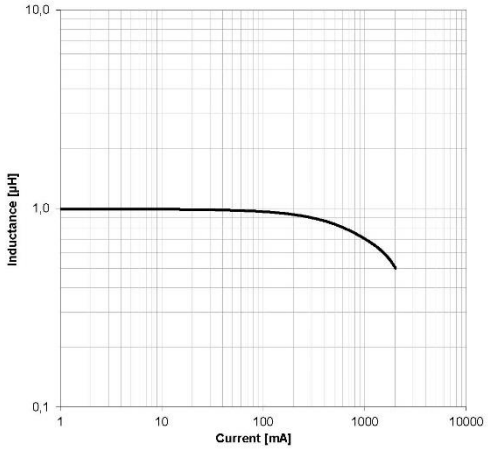
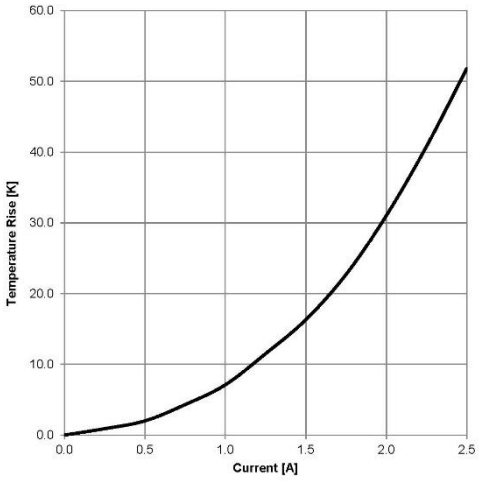
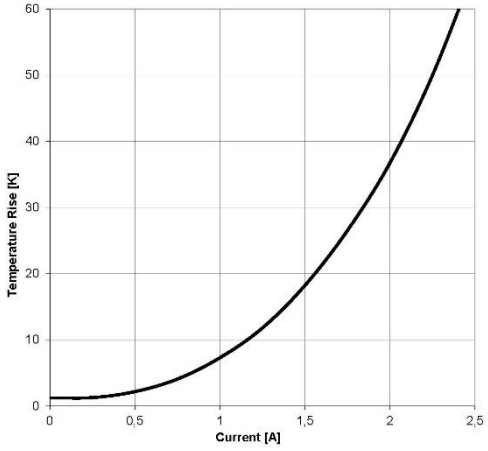
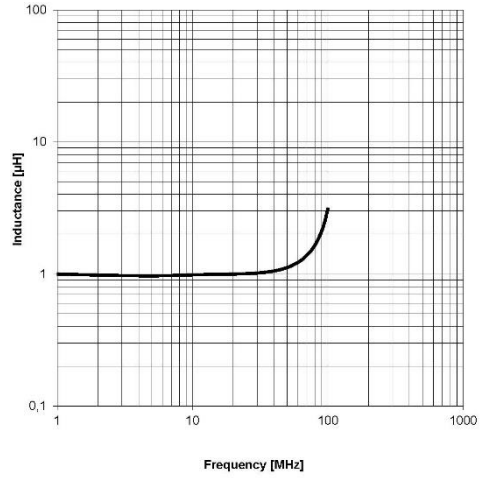
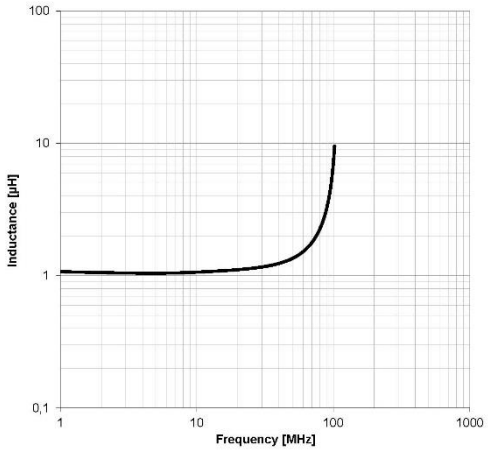
3. The Typical curves of the part will be updated.

Old Curve	New Curve
	
	
	

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

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