Würth Elektronik eiSos GmbH & Co. KG
EMC & Inductive Solutions
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Product / Process Change Notification (PCN)

☐ Major change
☒ Minor change

PCN #:	PCN_UtWPCC_20200508
Affected Series:	760308103203
PCN Date:	April 08, 2020
Effective Date:	May 08, 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:

Because of a database mismatch, Würth Elektronik will change the value for the rated current. In addition the value of the power capability has been added. There will be no change in form, fit, function, quality or reliability of the product.

DETAIL OF CHANGE:

The value for the rated current in the datasheet of the article 760308103203 will be changed from 1.55 A to 1.8 A. The power capability of 20 W has been added to the new datasheet.

Before:

Electrical Properties:

Properties	Test conditions		Value	Unit	Tol.
Inductance	125 kHz/ 10 mA	L	12	µH	±10%
Q-Factor	125 kHz/ 10 mA	Q	21		typ.
Rated Current	ΔT = 40 K	I_R	1.55	A	max.
Saturation Current		I_{SAT}	3	A	typ.
DC Resistance	@ 20 °C	R_{DC}	330	mΩ	typ.
DC Resistance	@ 20 °C	R_{DC}	360	mΩ	max.
Self Resonant Frequency		f_{res}	11	MHz	

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After:

Electrical Properties:

Properties		Test conditions	Value	Unit	Tol.
Inductance	L	125 kHz/ 10 mA	12	µH	±10%
Q-Factor	Q	125 kHz/ 10 mA	21		typ.
Rated Current	I_R	ΔT = 40 K	1.8	A	max.
Power Capability	P	V_{DC} = 20 V	20	W	typ.
Saturation Current	I_{SAT}		3	A	typ.
DC Resistance	R_{DC}	@ 20 °C	330	mΩ	typ.
DC Resistance	R_{DC}	@ 20 °C	360	mΩ	max.
Self Resonant Frequency	f_{res}		11	MHz	

RELIABILITY / QUALIFICATION SUMMARY:

There will be no change of the product, therefore no additional reliability or qualification testing will be performed.