Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions

$$\label{eq:max-ey} \begin{split} \text{Max-Eyth-Straße 1} & \cdot \text{74638 Waldenburg} \cdot \text{Germany} \\ \text{Tel.} & \cdot \text{449 (0) 79 42 945-0} \cdot \text{Fax } \cdot \text{449 (0) 79 42 945-400} \\ \text{eiSos@we-online.de} & \cdot \text{www.we-online.de} \end{split}$$



Product / Process Change Notification (PCN)									
PCN#:	PCN_WL-SMSW_20191218	Change Category:							
Affected Series:	WL-SMSW_155124xx73200A	☐ Equipment / Location☑ General Data☐ Material							
PCN Date:	November 18, 2019	☐ Process							
Effective Date:	December 18, 2019	□ Product Design□ Shipping / Packaging□ Supplier□ Software							
Contact:	Product Management	Data Sheet Change:							
Phone:	+49 (0) 7942 - 945 5001	⊠ Yes □ No							
Fax:	+49 (0) 7942 - 945 5179	Attachment:							
E-Mail:	pcn.eisos@we-online.com	□ Yes □ No							
DESCRIPTION AND PURPOSE OF CHANGE:									
Because of a database mismatch, Würth Elektronik corrected in the datasheet the parameter ESD (HBM)									

Because of a database mismatch, Würth Elektronik corrected in the datasheet the parameter ESD (HBM) from 200V to 2000V.

Additional we updated the information of the max. junction temperature and namely 115° C; the drawing of schematic according to IEC 60617 / 2018.

The components themselves didn't change. There will be no change in form, fit, function, quality or reliability of the product.

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$$\label{eq:max-energy} \begin{split} \text{Max-Eyth-Straße 1} & \cdot \text{74638 Waldenburg} \cdot \text{Germany} \\ \text{Tel.} & +49 \text{ (0)} \text{ 79 42 945-0} \cdot \text{Fax } +49 \text{ (0)} \text{ 79 42 945-400} \\ \text{eiSos@we-online.de} & \cdot \text{www.we-online.de} \end{split}$$



DETAIL OF CHANGE:

Before					After					
Absolute Maximum Ra	tings (A				Absolute Maximum Ra	tings (A	mbient Tempe	rature 25°(C):	
Properties		Test conditions	Value	Unit	Power Dissipation	P _{Diss}	TOOL CONTACTOR	48	mW	
Power Dissipation	P _{Diss}		48	mW	Peak Forward Current	I _{F Peak}	duty/ 10 @ 1 kHz	30	mA	
Peak Forward Current	I _{F Peak}	duty/ 10 @ 1 kHz	40	mA	Continuous Forward Current	I _F		20	mΑ	
Continuous Forward Current	l _F		20	mA	Reverse Voltage	V _{REV}		5	٧	
Reverse Voltage ESD Threshold/ Human Body	V _{REV}		200	V	ESD Threshold/ Human Body Model	V _{ESD HBM}		2000	٧	
Model	, P2D HRW		255		Junction Temperature	Tj		115	°C	
1 2					<u>-</u>	*	+ 2			

RELIABILITY / QUALIFICATION SUMMARY:

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