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Product / Process Change Notification (PCN)

☒ Major change
☐ Minor change

PCN #:	PCN_UtLAN_10G_20200613
Affected Series:	WE-LAN 10G; 749050010A
PCN Date:	May 13, 2020
Effective Date:	June 13, 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 follow international standards, e.g. IEEE 802.3, Würth Elektronik will update the datasheet specification, without any changes on the product itself.

There will be no change in form, fit, function, quality or reliability of the product.

DETAIL OF CHANGE:

Due to the update according to international standards, the electrical parameters will be changed as follows:

Parameter	Frequency	Before change
Insertion loss	100 kHz – 10 MHz	-1 dB
	100 kHz – 650 MHz	-3 dB
Return loss	1 MHz – 40 MHz	-18 dB
	40 MHz – 400 MHz	-10 dB
	400 MHz – 500 MHz	-8 dB
	500 MHz – 600 MHz	-5 dB
Differential to Common Mode Rejection Ratio	1 MHz – 250 MHz	-30 dB
	250 MHz – 500 MHz	-22 dB
Crosstalk	1 MHz – 100 MHz	-40 dB
	100 MHz – 500 MHz	-30 dB

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Parameter	Frequency	After change
Insertion loss	100 kHz – 1 MHz	-3 dB
	1 MHz – 250 MHz	-1,25 dB
	250 MHz – 500 MHz	-2,5 dB
Return loss	1 MHz – 40 MHz	-18 dB
	40 MHz – 100 MHz	-16 dB
	100 MHz – 250 MHz	-12 dB
	250 MHz – 500 MHz	-8 dB
Differential to Common Mode Rejection Ratio	1 MHz – 100 MHz	-35 dB
	100 MHz – 250 MHz	-30 dB
	250 MHz – 500 MHz	-25 dB
Crosstalk	1 MHz – 100 MHz	-40 dB
	100 MHz – 500 MHz	-30 dB

RELIABILITY / QUALIFICATION SUMMARY:

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