



Product / Process Change Notification (PCN)

- Major change
 Minor change

<p>PCN #: PCN_UtFW_UtPLN MID_20230421</p> <p>Affected Series: UtPLN MID; See affected p/n's below</p> <p>PCN Date: January 20, 2023</p> <p>Effective Date: April 21, 2023</p> <p>Effected Date Code: Week 16 of Year 2023</p> <p>Revision: See below</p>	<p>Change Category:</p> <p><input type="checkbox"/> Equipment / Location</p> <p><input checked="" type="checkbox"/> General Data</p> <p><input type="checkbox"/> Material</p> <p><input type="checkbox"/> Process</p> <p><input checked="" type="checkbox"/> Product Design</p> <p><input type="checkbox"/> Shipping / Packaging</p> <p><input type="checkbox"/> Supplier</p> <p><input type="checkbox"/> Software</p>
<p>Contact: Design Engineering PCN Specialist</p> <p>Phone: +1 (605) 886 1427</p> <p>Fax: +1 (605) 886 4486</p> <p>E-Mail: pcn.midcom@we-online.com</p>	<p>Data Sheet Change:</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Attachment:</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

Description and purpose of change:

In order to enhance the product reliability, Wurth Electronics Midcom will change the header to allow a different terminal structure and footprint layout. No other dimensions will be affected by the header change.

Additionally, to improve the processability, Wurth Electronics Midcom will change the D.C. Resistance and Leakage Inductance on the datasheet. No coils were changed on the product and it is expected to perform the same in its application.

Additionally, in line with internal standardization, Wurth Electronics Midcom will remove the Turns Ratio Value tolerance from the datasheet.

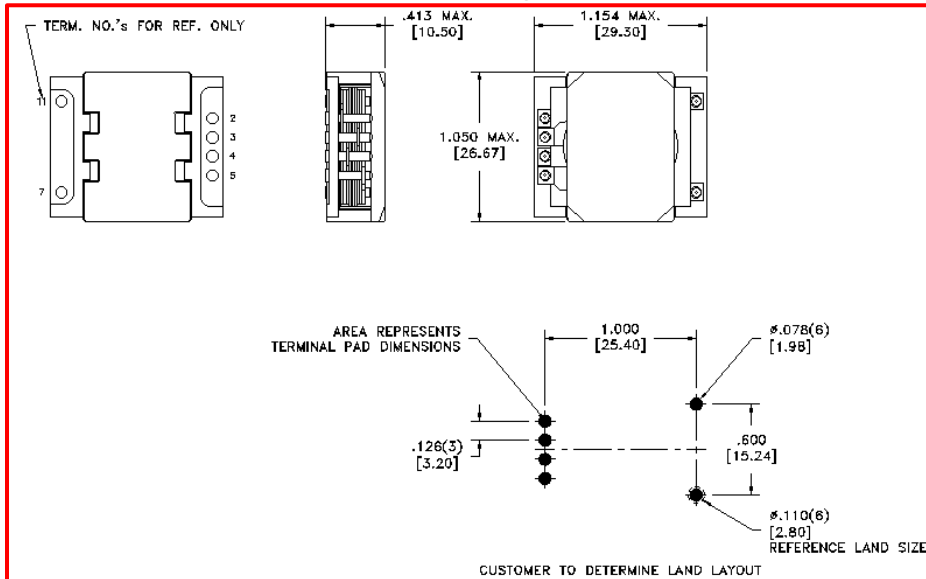
Revisions will change as follows:

750341134 6F to 6G	750341140 6F to 6G	750341145 6F to 6G
750341135 6G to 6H	750341141 6F to 6G	750341341 6C to 6D
750341136 6F to 6G	750341142 6F to 6G	750341940 6B to 6C
750341137 6F to 6G	750341143 6G to 6H	750341941 6B to 6C
750341138 6F to 6G	750341144 6F to 6G	750342301 6C to 6D

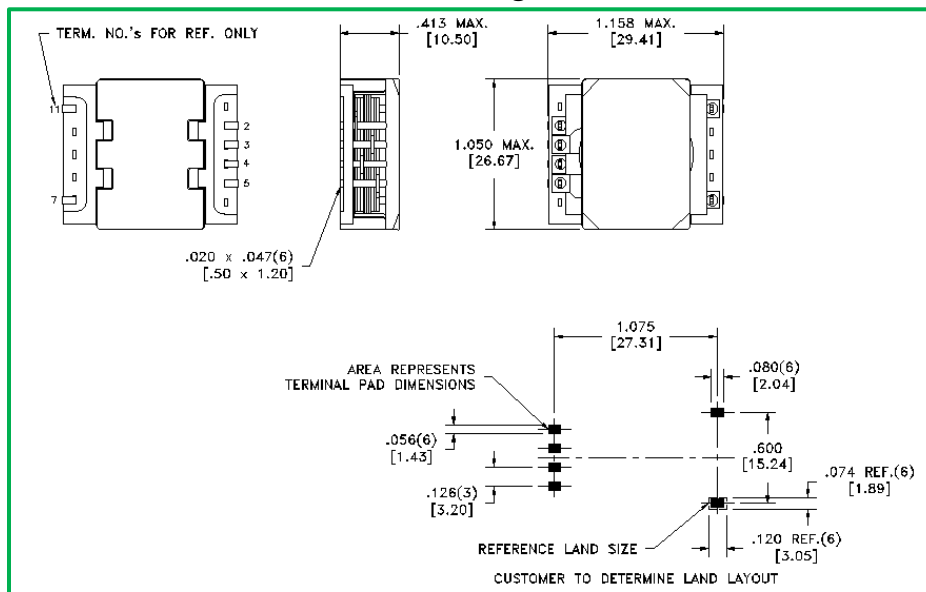
Detail of Change:

Terminal structure and footprint will change

Before Change:



After Change:





D.C. Resistance will change

P/N	Parameter	Before Change	After Change
750341134	2-4; 3-5	1.5 mOhms max.	2.5 mOhms max.
	7-11	3.5 mOhms max.	4.5 mOhms max.
750341135	3-4; 4-5	3.0 mOhms max.	4.0 mOhms max.
	7-11	3.5 mOhms max.	4.5 mOhms max.
750341136	2-4; 3-5	5 mOhms max.	6.0 mOhms max.
	7-11	3.5 mOhms max.	4.5 mOhms max.
750341137	2-4; 3-5	6.0 mOhms max.	7.0 mOhms max.
	7-11	3.5 mOhms max.	4.5 mOhms max.
750341138	2-4; 3-5	1.5 mOhms max.	2.5 mOhms max.
	8-10	3 mOhms max.	4.0 mOhms max.
750341140	2-4; 3-5	5 mOhms max.	6.0 mOhms max.
	8-10	3 mOhms max.	4.0 mOhms max.
750341141	2-4; 3-5	6.0 mOhms max.	7.0 mOhms max.
	8-10	3.0 mOhms max.	4.0 mOhms max.
750341142	2-4; 3-5	1.5 mOhms max.	2.5 mOhms max.
	7-11	1.2 mOhms max.	2.2 mOhms max.

P/N	Parameter	Before Change	After Change
750341143	3-4; 4-5	3.0 mOhms max.	4.0 mOhms max.
	7-11	1.2 mOhms max.	2.2 mOhms max.
750341144	2-4; 3-5	5 mOhms max.	6.0 mOhms max.
	7-11	1.2 mOhms max.	2.2 mOhms max.
750341145	2-4; 3-5	6.0 mOhms max.	7.0 mOhms max.
	7-11	1.2 mOhms max.	2.2 mOhms max.
750341341	2-4; 3-5	6.0 mOhms max.	7.0 mOhms max.
	1-6	900 mOhms max.	100 mOhms max.
750341940	2-4; 3-5	1.5 mOhms max.	2.5 mOhms max.
	7-8; 11-10	2.0 mOhms max.	3.0 mOhms max.
750341941	2-4; 3-5	6.0 mOhms max.	7.0 mOhms max.
	7-10; 11-8	1.2 mOhms max.	2.2 mOhms max.
750342301	2-4; 3-5	9.0 mOhms max.	10.0 mOhms max.
	7-8; 11-10	1.5 mOhms max.	2.5 mOhms max.

Leakage Inductance will change

P/N	Before Change	After Change
750341134	150nH max.	200nH max.
750341135	250nH max.	300nH max.
750341136	400nH max.	450nH max.
750341137	650nH max.	700nH max.
750341138	150nH max.	200nH max.
750341140	400nH max.	450nH max.
750341141	800nH max.	850nH max.
750341142	150nH max.	200nH max.
750341143	250nH max.	300nH max.
750341144	650nH max.	700nH max.
750341145	1000nH max.	1050nH max.
750341341	600nH max.	650nH max.
750341940	1.0uH max.	1.05uH max.
750341941	2.5uH max.	2.55uH max.
750342301	2.0uH max.	2.05uH max.

Turns Ratio Value tolerance will be removed: ±1%

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Reliability / Qualification Summary:

High Temperature Exposure (Storage): MIL-STD-202G Method 108

Resistance to Soldering Heat: Reference Standard: IPC/JDEC J-STD-02D

Mechanical Vibration: MIL-STD-202G Method 204D

Mechanical Shock: MIL-STD-202G Method 213

Board Flex: AEC-Q200-005

Terminal Strength (SMD): AEC-Q200-006

Resistance to Solvents: Reference Standard: MIL-STD-202G, Method 215

Solderability: Reference Standard: IPC/EIA J-STD-002B

Process / Product approval is according to internal requirements released by the Total Quality Department and the Product Management Department.