



## Product / Process Change Notification (PCN)

- Major change  
 Minor change

<p><b>PCN #:</b> PCN_UtPLN MID_UtPOETI MID_20230428</p> <p><b>Affected Series:</b> UtPLN MID; See affected p/n's below</p> <p><b>PCN Date:</b> January 27, 2023</p> <p><b>Effective Date:</b> April 28, 2023</p> <p><b>Effected Date Code:</b> Week 17 of Year 2023</p> <p><b>Revision:</b> See below</p>	<p><b>Change Category:</b></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><b>Contact:</b> Design Engineering PCN Specialist</p> <p><b>Phone:</b> +1 (605) 886 1427</p> <p><b>Fax:</b> +1 (605) 886 4486</p> <p><b>E-Mail:</b> pcn.midcom@we-online.com</p>	<p><b>Data Sheet Change:</b></p> <p><input checked="" type="checkbox"/> Yes      <input type="checkbox"/> No</p> <p><b>Attachment:</b></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.

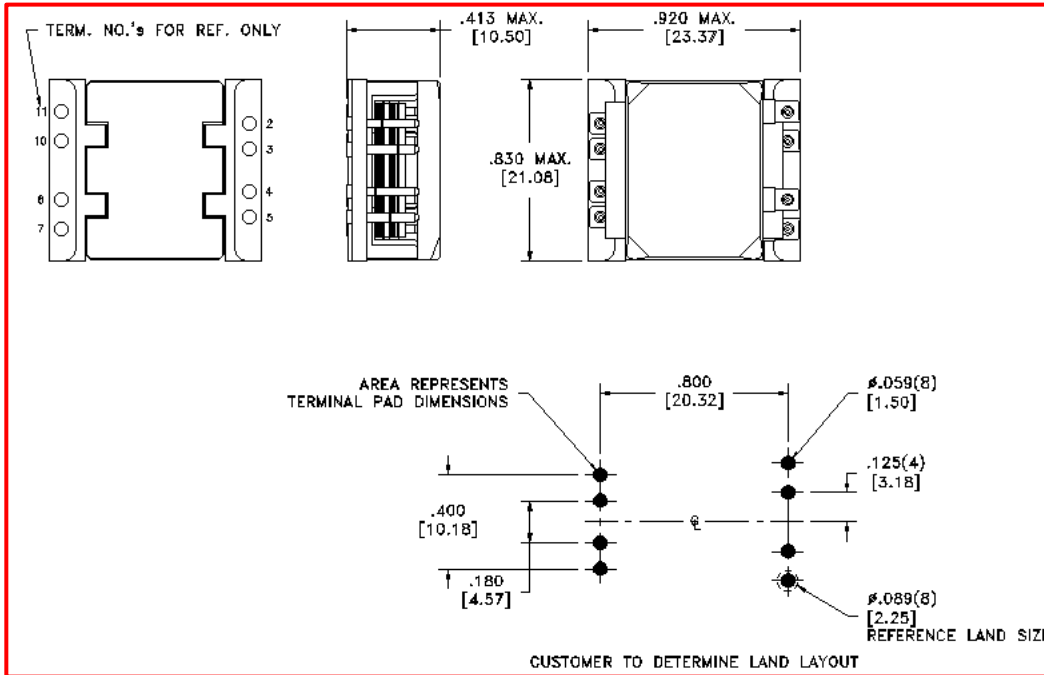
Revisions will change as follows:

750341183 6F to 6G	750341197 6E to 6F	750341206 6F to 6G
750341185 6E to 6F	750341199 6E to 6F	750341208 6F to 6G
750341187 6E to 6F	750341201 6E to 6F	750341794 6C to 6D
750341190 6E to 6F	750341202 6F to 6G	750343164 6B to 6C
750341195 6E to 6F	750341204 6E to 6F	750343576 6B to 6C

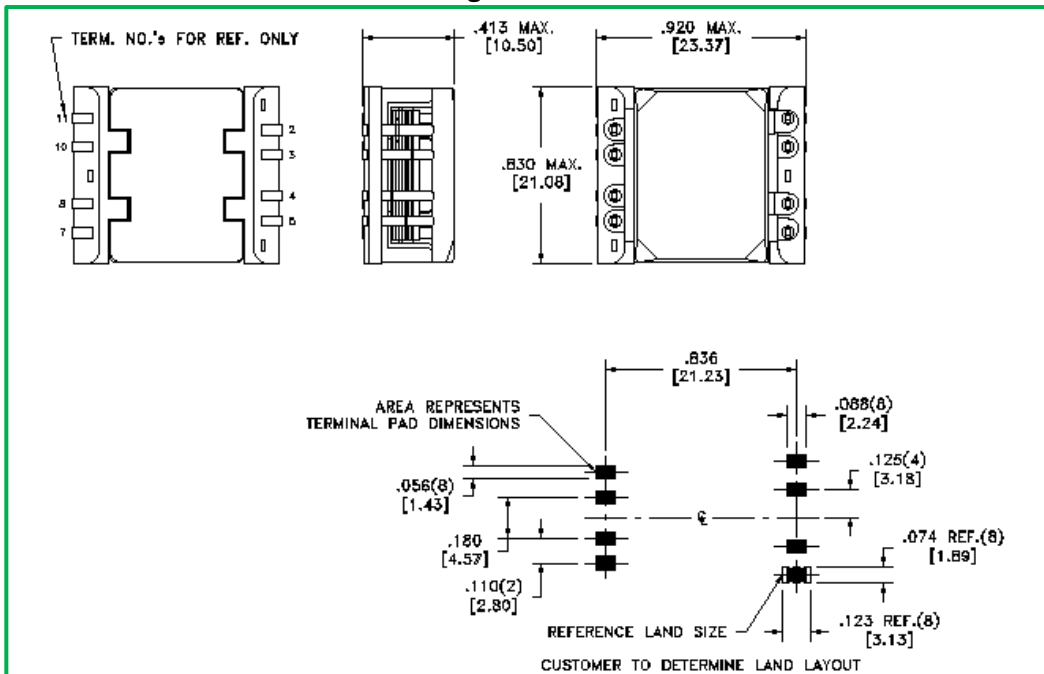
**Detail of Change:**

Terminal structure and footprint will change

**Before Change:**



**After Change:**





D.C. Resistance will change

P/N	Parameter	Before Change	After Change
750341183	2-4; 3-5	5.5 mOhms max.	6.5 mOhms max.
	7-10; 8-11	1.2 mOhms max.	2.2 mOhms max.
750341185	2-4; 3-5	7.8 mOhms max.	8.8 mOhms max.
	7-10; 8-11	1.2 mOhms max.	2.2 mOhms max.
750341187	2-4; 3-5	12.5 mOhms max.	13.5 mOhms max.
	7-10; 8-11	1.2 mOhms max.	2.2 mOhms max.
750341190	2-4; 3-5	5.5 mOhms max.	6.5 mOhms max.
	7-10; 8-11	2.5 mOhms max.	3.5 mOhms max.
750341195	2-4; 3-5	3.5 mOhms max.	4.5 mOhms max.
	7-10; 8-11	4.0 mOhms max.	5.0 mOhms max.
750341197	2-4; 3-5	5.5 mOhms max.	6.5 mOhms max.
	7-10; 8-11	4.6 mOhms max.	5.6 mOhms max.
750341199	2-4; 3-5	7.8 mOhms max.	8.8 mOhms max.
	7-10; 8-11	4.5 mOhms max.	5.5 mOhms max.
750341201	2-4; 3-5	12.5 mOhms max.	13.5 mOhms max.
	7-10; 8-11	4.5 mOhms max.	5.5 mOhms max.
750341202	2-4; 3-5	7.8 mOhms max.	8.8 mOhms max.
	7-10; 8-11	9.5 mOhms max.	10.5 mOhms max.
750341204	2-4; 3-5	5.5 mOhms max.	6.5 mOhms max.
	7-10; 8-11	9.5 mOhms max.	10.5 mOhms max.
750341206	2-4; 3-5	7.8 mOhms max.	8.8 mOhms max.
	7-10; 8-11	9.5 mOhms max.	10.5 mOhms max.
750341208	2-4; 3-5	12.5 mOhms max.	13.5 mOhms max.
	7-10; 8-11	9.5 mOhms max.	10.5 mOhms max.
750341794	2-4; 3-5	5.5 mOhms max.	6.5 mOhms max.
	7-10; 8-11	2.5 mOhms max.	3.5 mOhms max.
750343164	2-4; 3-5	5.5 mOhms max.	6.5 mOhms max.
	7-10; 8-11	1.2 mOhms max.	2.2 mOhms max.
750343576	2-4; 3-5	5.5 mOhms max.	6.5 mOhms max.
	7-10; 8-11	9.5 mOhms max.	10.5 mOhms max.

Leakage Inductance will change

P/N	Before Change	After Change
750341183	1.15uH max.	1.25uH max.
750341185	1.8uH max.	1.9uH max.
750341187	2.200uH max.	2.3uH max.
750341190	0.400uH max.	0.5uH max.
750341195	0.250uH max.	0.35uH max.
750341197	0.350uH max.	0.45uH max.
750341199	0.500uH max.	0.6uH max.
750341201	0.650uH max.	0.75uH max.
750341202	0.250uH max.	0.35uH max.
750341204	0.300uH max.	0.4uH max.
750341206	0.500uH max.	0.6uH max.
750341208	0.800uH max.	0.9uH max.
750341794	0.400uH max.	0.5uH max.
750343164	0.800uH max.	0.9uH max.
750343576	0.300uH max.	0.4uH max.

Turns Ratio Value tolerance will be removed: ±1%

Würth Electronics Midcom Inc.  
121 Airport Drive · P.O. Box 1330  
Watertown SD, 57201-6330, USA  
T: +1 (605) 886 4385 · www.we-online.com



**WÜRTH  
ELEKTRONIK**  
MORE THAN  
YOU EXPECT

**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.