



Product/Process Change Notice (PCN)

- ☒ Major Change
☐ Minor Change

PCN Number: PCN_UtPPTI_20250714

Affected Series: WE-PPTI

Affected Part Number: 760390012, 760390013, 760390013S

PCN Date: 2025-04-08 (YYYY-MM-DD)

Effective Date: 2025-07-14 (YYYY-MM-DD)

Change Category:

- ☐ Equipment/Location
☒ General Data
☐ Material
☒ Process
☐ Product Design
☐ Shipping/Packaging
☐ Supplier
☐ Software

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Datasheet Change:

- ☒ Yes ☐ No

Attachment:

- ☐ Yes ☒ No

DESCRIPTION OF CHANGE:

Due to an improvement of the production capability, Würth Elektronik will change the wire routing on the above listed parts. This will provide more consistent wire terminations by allowing the wire stripping and termination process to be automated.

Also as a datasheet information amendment, Würth Elektronik will be correcting the pin width on our datasheets for the above listed parts. This is a datasheet change only.

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

The new revision of the affected part numbers will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).

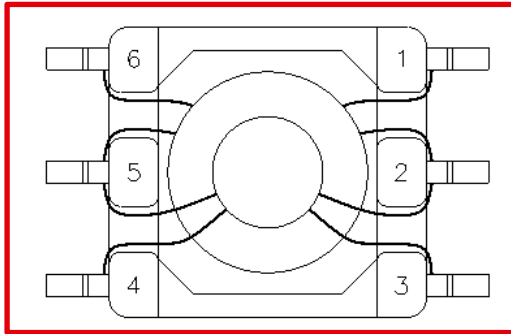
The preliminary datasheets of the affected part numbers will be available on the website after the PCN date.

Link to the website: [WE-PPTI](#)

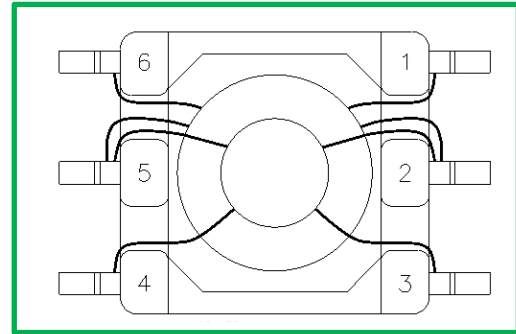
DETAILS OF CHANGE:

The wire routing will change as shown. See before change in red and after change in green below.

Before Change:

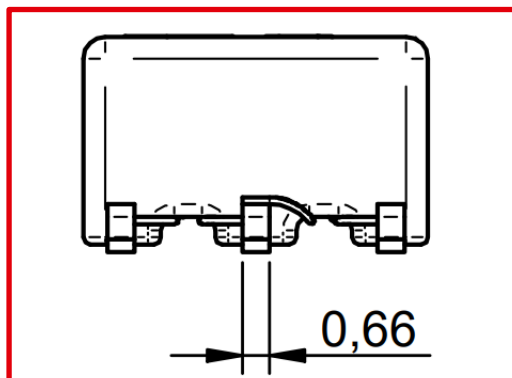


After Change:

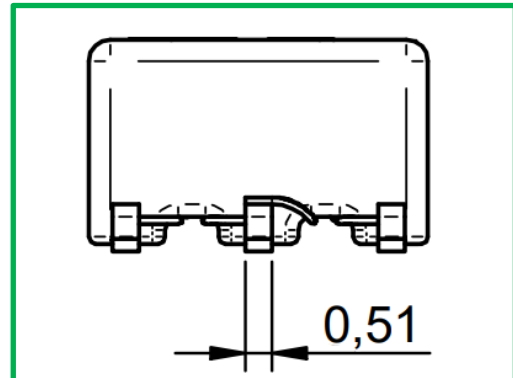


The pin width on the datasheets will also change. See before change in red and after change in green.

Before Change:



After Change:





RELIABILITY / QUALIFICATION OF CHANGE:

An additional reliability testing was performed and approved.

Qualification according to AEC-Q200 table 05.

Additional details of the tests can be found in the table below:

Test Item	Sample size	Reference	Test conditions	Acceptance
Physical Dimension	10	JESD22 Method JB-100	1000 h at rated operating temperature 125 °C.	Approved
Temperature Cycling	77	JESD22 Method JA-104	1000 cycles, from -40 °C (dwell time: 30 min) to 125 °C (dwell time: 30 min). Maximum transfer time: 1 min.	Approved
Mechanical Shock	30	MIL-STD-213G Method 204	3 shocks in each direction (x, -x, y, -y, z, -z), peak value of 100 g, duration 6 ms, half-sine, velocity change 12.3 ft/s.	Approved
Mechanical Vibration	30	MIL-STD-202G Method 204	5 g for 20 min, 12 cycles each of 3 orientations. Test from 10 Hz to 2000 Hz.	Approved
Resistance to Soldering Heat	30	MIL-STD-202G Method 210F	255±5 °C 30±5s, 1 °C/s-4 °C/s, time above 183 °C 90s-120s, 3 times	Approved
Board Flex	30	AEC-Q200-005	Appendix 2 Note: 2mm(min); 60 sec minimum holding time	Approved
Solderability	15	J-STD-002	Electrical Test not required. Solder: Sn96.5Ag3Cu0.5Flux: Standard activated rosin flux Leaded: Steam Condition: Category 3; 245 ± 5 °C 5 +0/-0.5s. Lead-Free: Steam Condition: Category 3; Method D @ 260± 5 °C 7 ± 0.5s.	Approved
Operational Life	77	MIL-PRF-27	1000 hrs. @ 105 °C or 85 °C or 125 °C	Approved
Pre and Post-Stress Electrical Test	309	Datasheet	According to values specified on datasheet.	Approved