

Würth Elektronik eiSos GmbH & Co. KG

EMC & Inductive Solutions

Max-Eyth-Straße 1 · 74638 Waldenburg · Germany

Tel. +49 (0) 79 42 945-0 · Fax +49 (0) 79 42 945-400

eiSos@we-online.de · www.we-online.de



Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_UtRJ45LAN_20201127
Affected Series: WE-UtRJ45LAN; 7499xxx; S1xxx
PCN Date: August 27, 2020
Effective Date: November 27, 2020

Change Category:

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

Contact: Product Management
Phone: +49 (0) 7942 - 945 5001
Fax: +49 (0) 7942 - 945 5179
E-Mail: pcn.eisos@we-online.com

Data Sheet Change:

Yes No

Attachment:

Yes No

DESCRIPTION AND PURPOSE OF CHANGE:

To ensure an improved product assembly, Würth Elektronik will change the product design.
 All products with date code 2020-11-27 or later, will be affected by this change.
 There will be no change in fit, function, quality or reliability of the product.

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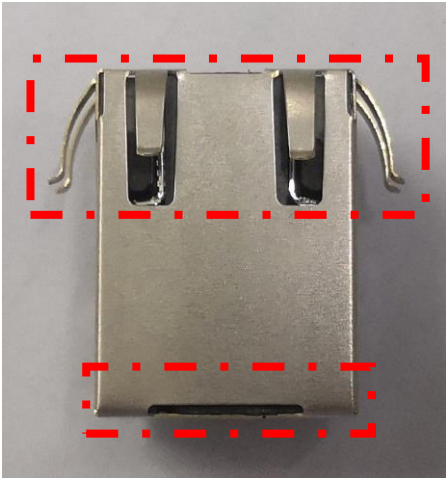

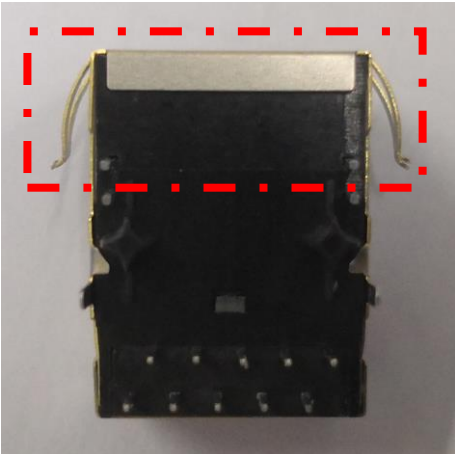
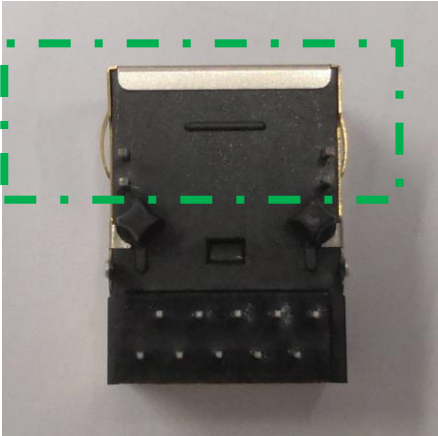
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DETAIL OF CHANGE:

The soldering process of the coils will be changed from hand soldering to automated spot welding. Therefore the inner design of the connector will be changed. In addition a few improvements of the metal shell and GND pin connection will be made.

BEFORE CHANGE	AFTER CHANGE
	<p>EMI fingers inwards to enhance an easier pick up from tray or tube packaging</p> 
	

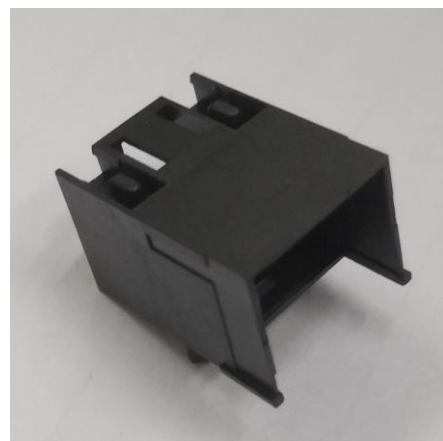
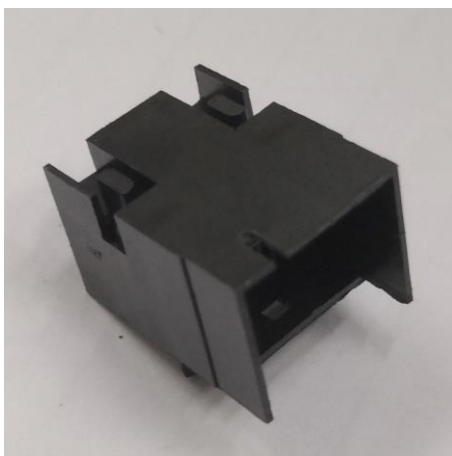
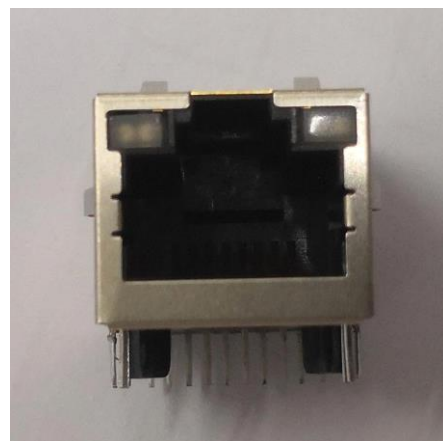
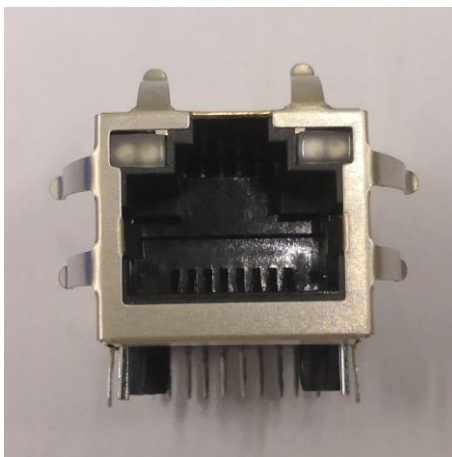
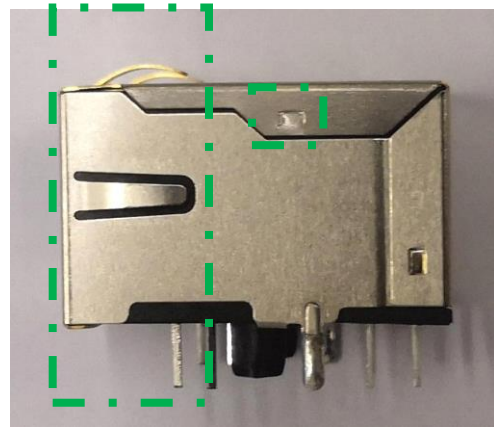
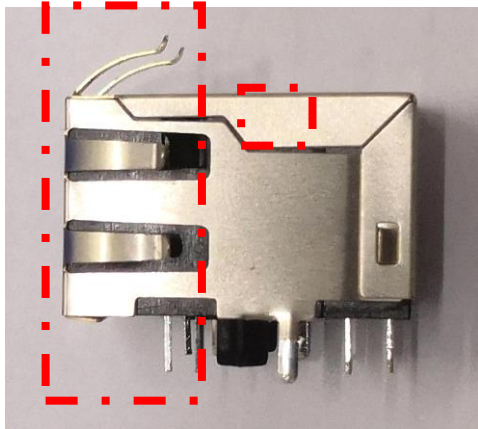
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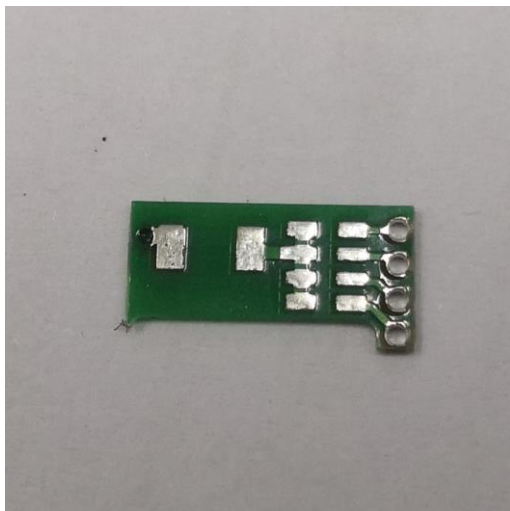
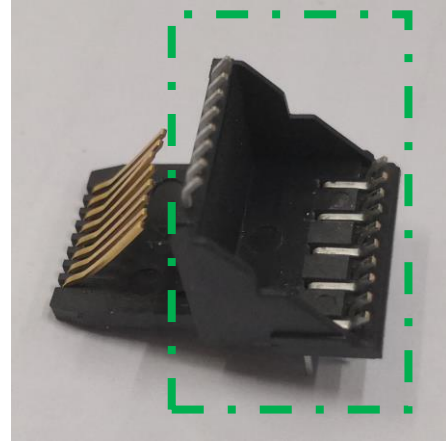
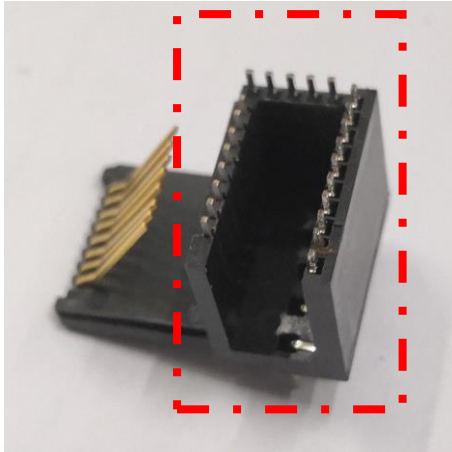
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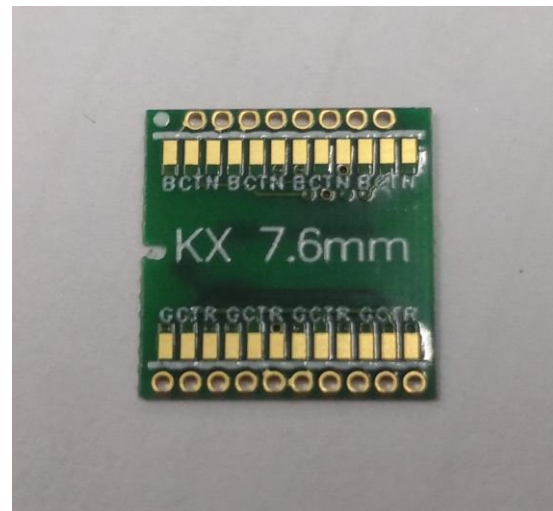
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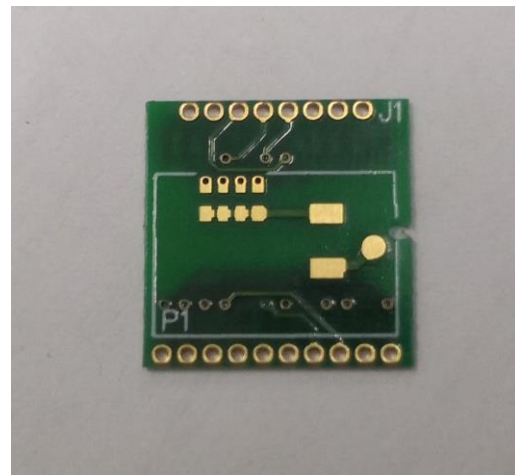
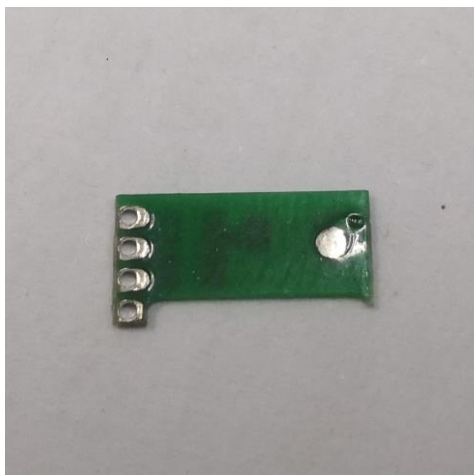
New housing design with more space for the PCB



PCB for soldering by hand



PCB for automatic spot welding by machine



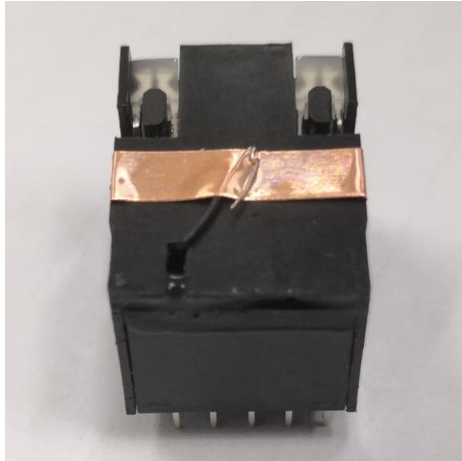
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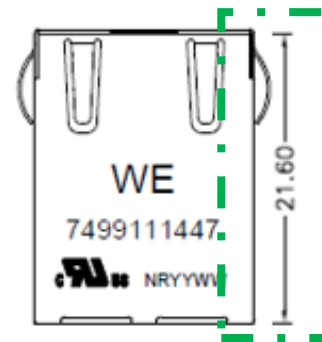
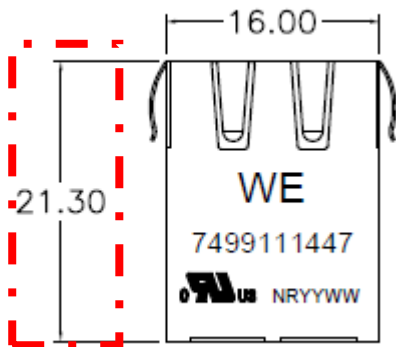
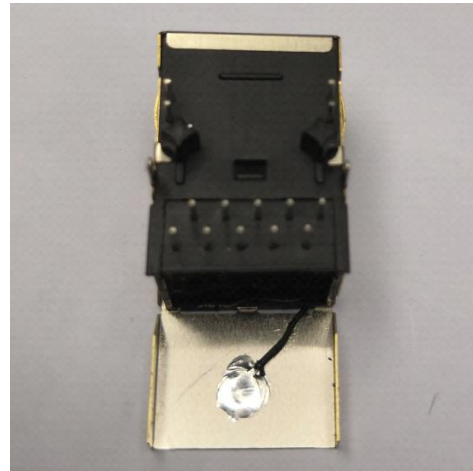
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Instead of using a tape, the GND pins will be soldered to the metal shield directly



Affected Partnumbers:

74990100011A	7499111447	S18100087
7499211125	7499211126	7499111449
7499210001A	7499010003A	74990111217

RELIABILITY / QUALIFICATION SUMMARY:

Following tests are done:

- Salt Spray test according EIA-364-26B
- Durability test according EIA-364-09C
- Thermal Shock test according MIL-STD-202G METHOD 107
- Vibration test according MIL-STD-202G METHOD 204D