

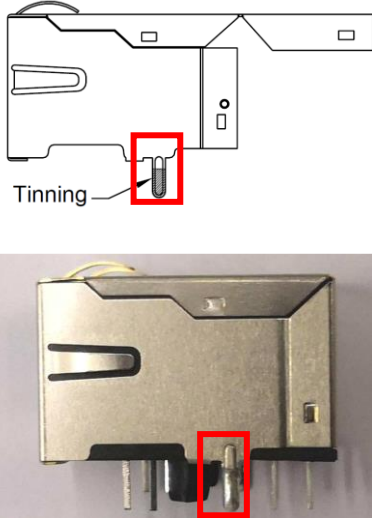
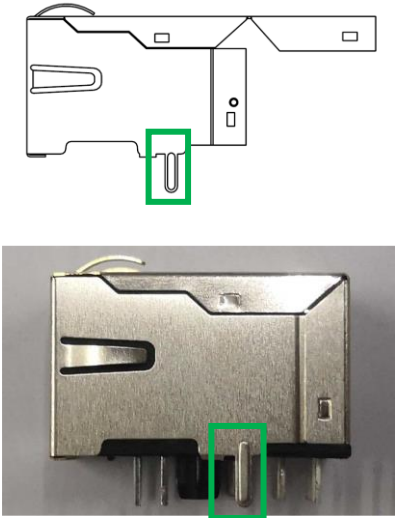


Product / Process Change Notification (PCN)

- ☐ Major Change
☒ Minor Change

PCN Number: PCN_UtRJ45LAN_20240813 Affected Series: WE-RJ45LAN Affected Order Codes: 74990100011A, 7499111447, 7499211125, 7499211126, 7499111449, 7499210001A, 7499010003A, 74990111217, S18100087, S19100038, S19100110 PCN Date: 2024-05-13 (YYYY-MM-DD) Effective Date: 2024-08-13 (YYYY-MM-DD)		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		Datasheet Change: ☐ Yes ☒ No Attachment: ☐ Yes ☒ No
Description of Change: To ensure an improved product assembly, Würth Elektronik eiSos will change from pre-soldering process to complete pre-plating process. There will be no change in form, fit, function, quality or reliability of the product. The new revision of the affected order codes will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).		

Details of Change:

Before Change	After Change
Before the change we used pre-tinned shielding pins.  Tinning	After the change there will be totally plated shielding pins without additional tin. 

Reliability / Qualification of Change:

An additional reliability testing was performed and approved.

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

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Resistance to soldering heat	30	MIL-STD-202-210	Single Wave Solder - Procedure 1(C) with solder within 1.5 mm of device body.	Approved
Soldering test	30	IPC-A-610	Leaded: Test A1 @ 245 °C. Electrical Test not required. Unpowered.	Approved
Salt spray	30	EIA-364-26B	Mounting: no mounting. Special Conditions: Temperature 35±2 °C, Humidity 95-98%, PH: 6.5-7.2, Testing Time: 48 h Measurement: Contact resistance (Δ R) before and after each duration.	Approved