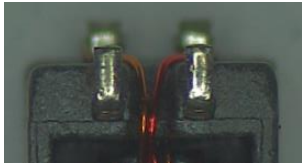
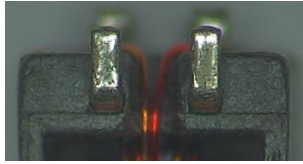




Product / Process Change Notification (PCN)	
<input checked="" type="checkbox"/> Major Change <input type="checkbox"/> Minor Change	
PCN Number: PCN_SLM_20240503 Affected Series: WE-SLM Affected Order Codes: 744224XXX PCN Date: 2024-05-03 (YYYY-MM-DD) Effective Date: 2024-08-05 (YYYY-MM-DD)	Change Category: <input type="checkbox"/> Equipment/Location <input type="checkbox"/> General Data <input type="checkbox"/> Material <input checked="" type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping/Packaging <input checked="" type="checkbox"/> Supplier <input type="checkbox"/> 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: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Attachment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Description of Change: <p>To ensure an improved product assembly, Würth Elektronik eiSos will change the rack plating supplier. There will be no change in the plating specifications & there will be no change in form, fit, function, quality or reliability of the product.</p> <p>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).</p> <p>Only affected order code with lot number starting with 226 are being affected by this change.</p>	

Details of Change:				
Before Change		After Change		
Appearance results of rack plating with supplier No.1.		Appearance results of rack plating with supplier No.2.		
				
Reliability / Qualification of Change:				
An additional reliability testing was performed and approved.				
Qualification according to AEC-Q200 Rev E table 5A: Magnetics (Inductors/Transformers) Process Change				
Qualification, guidelines for the Selection of Tests, additional details of the tests can be found in the table below:				
Order code tested: 744242101				
Acceptance Criteria				
# 1	No physical damage and electrical property (Ls, Rdc, Z) meets datasheet both premeasurement and postmeasurement			
# 2	Inspect device construction, marking and workmanship. Electrical test not required.			
# 3	Acceptability of Electronic Assemblies IPC-A-610 class 3.			
# 4	Push off sample from PCB and force needs to be recorded.			
Test Item	Sample Size	Reference	Test Conditions	Acceptance Criteria
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.	# 1 Approved
External Visual	30	MIL-STD-883-2009	N/A	# 2 Approved
Vibration	30	MIL-STD-202-204	5 g for 20 min, 12 cycles each of 3 orientations. Test from 10 Hz to 2000 Hz.	# 1 Approved
Resistance to Soldering Heat	30	J-STD-020	TC = 250 °C, tp = 30 ~ 35 s, 5 times reflow	# 1 Approved
Solderability (SMD)	30	IPC-A-610	8 h +/- 15 min @ 93 °C TC = 240 °C ~ 245 °C, tp = 20 ~ 30 s	# 3 Approved
Board Flex	30	AEC-Q200-005	Bending 2 mm (min), 60 s (+5 s)	# 1 Approved
Terminal Strength (SMD)	30	AEC-Q200-006	Push Off Force 17.7 N	# 4 Approved