



PCN (Product Change Notice)

- ☒ Major Change
☐ Minor Change

PCN Number: PCN_WL-SMSW_20250725

Affected Series: WL-SMSW

Affected Part Number: see table below

PCN Date: 2025-04-25 (YYYY-MM-DD)

Effective Date: 2025-07-25 (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:

To ensure an improved product assembly, Würth Elektronik eiSos improves the material of pin plating. There will be no change in form, 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).

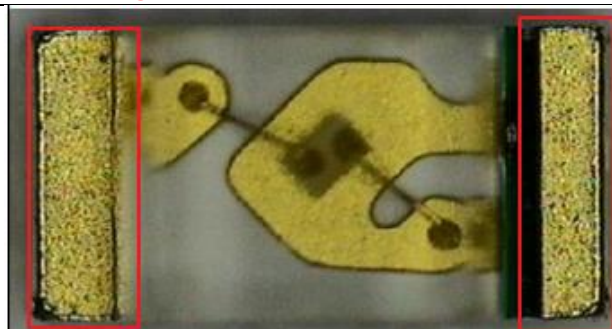
Affected part numbers:

155060SS75300	155060RS75300	155060AS75300	155060VS75300	155060BS75300
155060GS75300	155060YS75300			

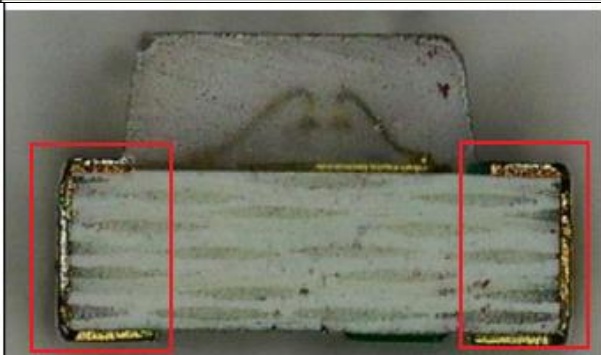
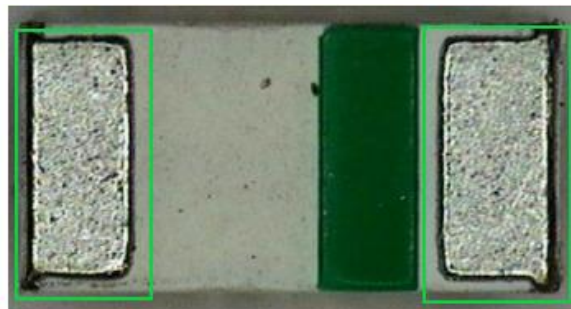
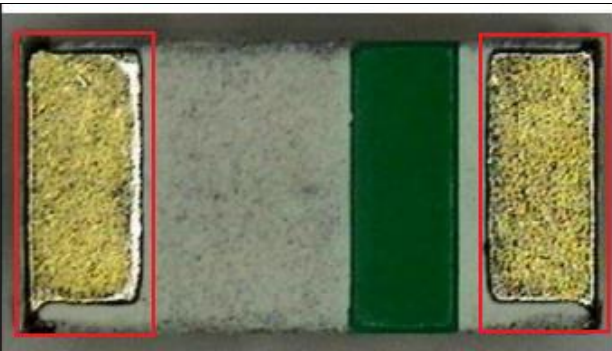
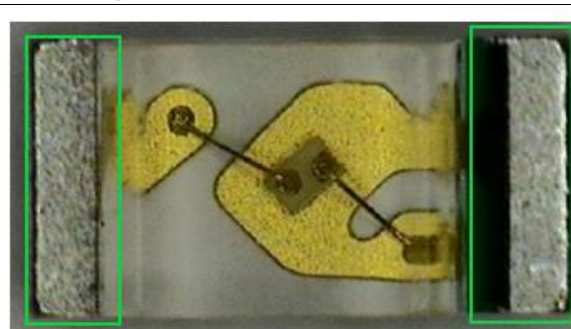
DETAILS OF CHANGE:

There are differences in the appearance before and after barrel plating, with a golden color before barrel plating and a silver color after barrel.

Before change



After change





RELIABILITY / QUALIFICATION OF CHANGE:

An additional reliability testing was performed and approved.

Qualification according to AEC-Q102_LED_Rev1.3.

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

Test Item	Sample size	Reference	Test conditions	Acceptance
Solderability	30	AEC-Q005	Precondition: Steam Aging 8 hrs±15 min Surface mount process simulation test Tc=245 °C, tp<=10 s, profile according to J-STD-020, no power	Approved
Mechanical Shock	30	MIL-STD-202-213	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
Vibration	30	MIL-STD-202-204	5 g for 20 min, 12 cycles each of 3 orientations. Test from 10 Hz to 2000 Hz.	Approved

Product approval is according to the specification criteria and is internally released by the product management department. The following items are part of the internal release process:

Test Item	Sample Size	Reference	Test Conditions	Acceptance
Visual Appearance	10	Product specification	Room temperature	Approved
Mechanical Parameters	10	Product specification	Room temperature	Approved
Electrical Parameters	10	Product specification	Room temperature	Approved