

Product/Process Change Notice (PCN)

- Major change
 Minor change



PCN#: PCN_WS-TASL_WS-TATL_WS-RPTL_Plating_change_2014-12-23

Product Affected: WS-TASL, WS-TATL, WS-RPTL

Part Numbers: 444xD21025816, 440xS67082622, 481RV12172100

PCN date : December 23th, 2014

Effective date : April 23th, 2015

Contact : Product Management

Phone: +49(0) 7942-945-5001

Fax: +49(0) 7942-945-5179

E-mail: pcn.eiCan@we-online.de

- Product Mark
 Date Code
 Packaging
 Others

Attachment: Yes No

File:

DESCRIPTION AND PURPOSE OF CHANGE:

For enhancing the product reliability, Würth Elektronik changes the plating of the LED lead frame. No electrical parameters are affected by the change.

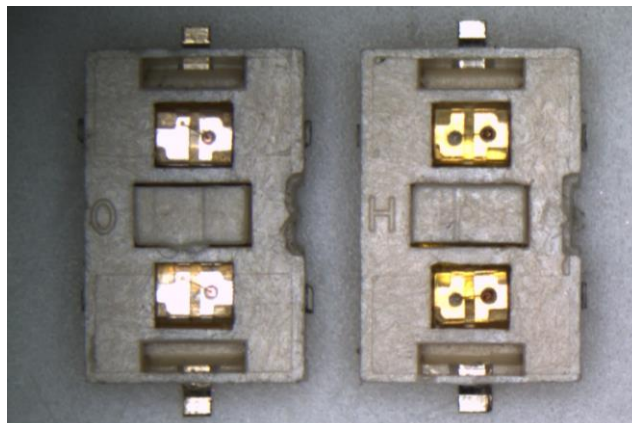
Effective date code beginning from 2015-04-23, which is encoded in our lot number.

DETAILS OF CHANGE :

Tin plated terminal replaces silver plated terminal to improve solderability. Selective gold plating is utilized to enhance the wire bonding strength. The appearance of the LED becomes yellow.

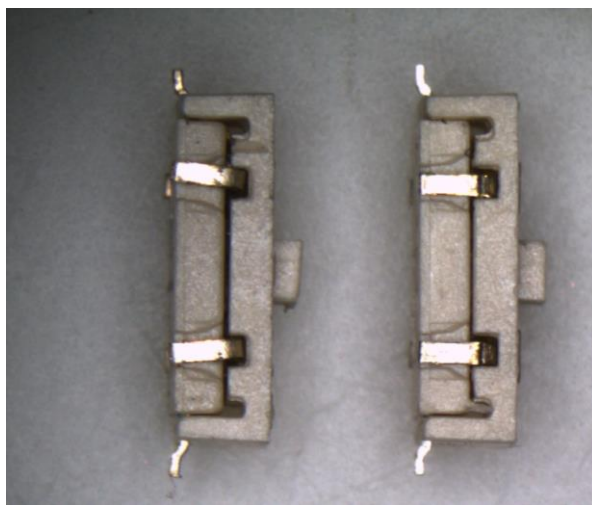
BEFORE (LEFT):

AFTER (RIGHT):



BEFORE (LEFT):

AFTER (RIGHT):



**RELIABILITY / QUALIFICATION SUMMARY:
FIVE TIMES REFLOW SOLDERING TEST (JEDEC J-STD-020D)
THREE TIMES WAVE SOLDERING TEST (EN 61760-1:2006)**

DATA SHEET CHANGE:

Yes

No

Würth Elektronik eiSos GmbH & Co. KG

D-74638 Waldenburg · Max-Eyth-Strasse 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400