

1210 Product Change Notice

Change Implemented: In January 2022, API Delevan made a bill of materials wire change affecting several 1210 products (see below listing). The change implemented was to revert to a previously approved wire to support production of the 1210 product series.

Voice of Customer (VOC): API Delevan received feedback from several customers that certain 1210 products produced within the affected datecode ranges, as listed below, experienced a higher rate of open / short conditions after being subjected to reflow profiles with maximum temperatures in the range of 250-260C when compared to similar product manufactured prior to January 2022.

Analysis: API Delevan completed a thorough reflow test and an analysis on impacted 1210 products from both affected and non-affected datecode production lots.

Results: API Delevan confirmed that when 1210 products impacted by the wire change were subjected to reflow profiles with a maximum temperature of 240C, there was no increase in open/short conditions post-reflow. However, when impacted product was subjected to reflow profiles with a maximum temperature exceeding 250C, there was an increase in open/short conditions post-reflow when compared to versions manufactured prior to the wire change.

Recommendation: API Delevan recommends that impacted 1210 products, with affected datecodes below, be subjected to reflow profile temperatures where the upper limit does not exceed 240C.

1210 Products covered in this PCN and affected datecodes:

- 1210R-104J - Date codes starting at 2206A and ending with 2246A
- 1210R-333K - Date codes starting at 2207A and ending with 2224A
- 1210R-472J / K - Date codes starting at 2234A and ending with 2246A
- S1210R-104J(K) - Date codes starting at 2201A and ending with 2240A
- S1210R-822G - Date codes starting at 2205A and ending with 2246A

Current State: API Delevan has reverted all affected bill of materials back to the original wire used in the products prior to the affected date codes above.

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