

Product Change Notice

Issue Date: 15 Jan2014

Change Type:

T1(3mm) Auto Insertable LED lamp leadframe design change.

Parts Affected:

HLMP-NS30-NQ000
 HLMP-NS30-J0000
 HLMP-NS30-J00DD
 HLMP-NM31-R00DD
 HLMP-NM31-R0000

Description and Extent of Change:

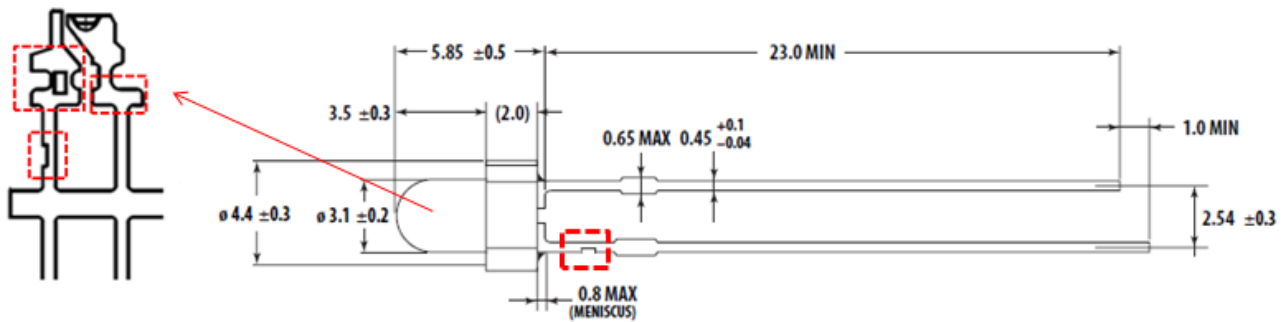
All the above 3mm lamp part numbers will use new leadframe design.
 There is no change in device functionality and electrical performance.

Reasons for Change:

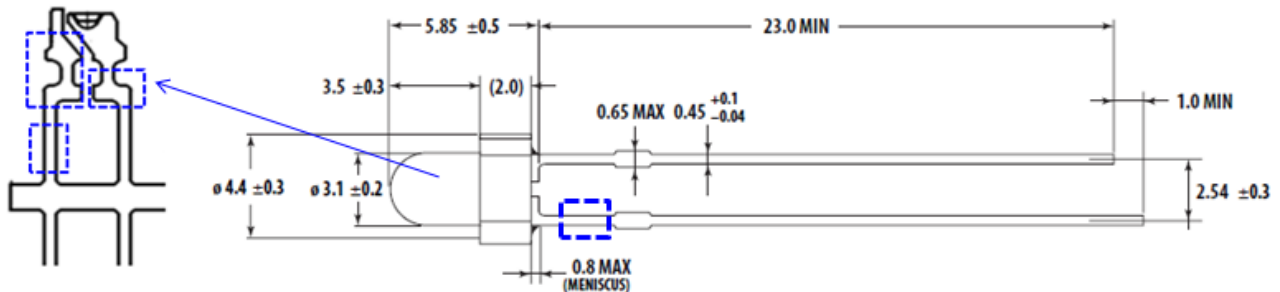
Leadframe supplier had ceased operation and discontinued the supply of existing leadframe design.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

Existing Auto Insertable leadframe



New Auto Insertable leadframe



 Design before change

 Design after change

All Dimensions are in Millimeters



No impact to product performance as only leadframe design is different.

This new auto insertable leadframe is an existing leadframe that is being used in production for other 3mm lamp auto insertable part numbers.

Qualification and characterization have been conducted to confirm both existing and new leadframe designs are comparable.

Effective Date of Change:

Avago Technologies will begin to ship these part numbers with new leadframe design effective from 16th Apr 2014 onwards. There will be mixed shipments between both existing and new leadframe design until the current inventory is fully depleted.

Qualification Data:

All the qualification vehicles submitted to reliability tests passed Avago's reliability tests requirements. Qualification data would be available upon request.

These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies' procedure: Change Control and Customer Notification, 5962-6052-80.

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.