

Product Change Notice

Issue Date: 24th July 2009

Type of Change(s):

1. Avago Technologies has qualified an alternate manufacturing site in China for HSMF-C15x chipped
2. To update the package drawing in the datasheet for both current and new source.

Parts Affected:

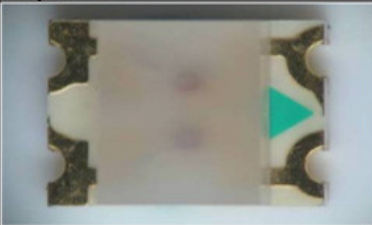

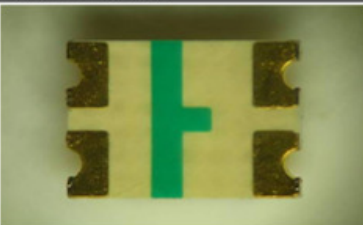

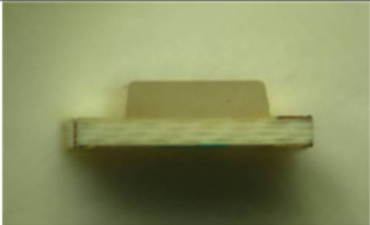
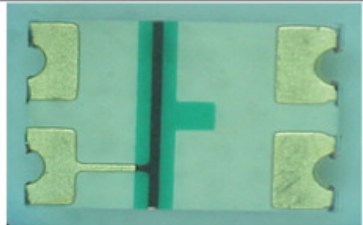
HSMF-C153	QSMF-C152
HSMF-C155	
HSMF-C156	
HSMF-C157	
HSMF-C158	
QSMF-C151	

Description and Extent of Changes:

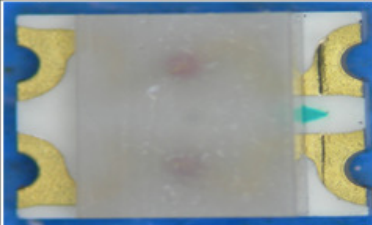
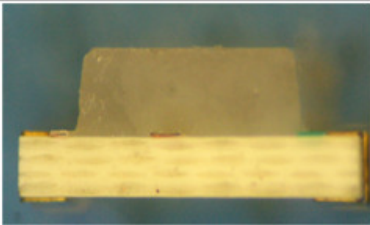
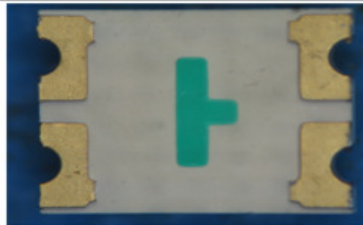
1. Alternate source

There will be no change of device functionality, specification and the electrical performance. The selected manufacturing site has undergone a qualification process and deemed to be the best fit alternate site for producing HSMF-C15x chipped LEDs. The pictures shown below are the appearance of LED from both manufacturing sites:

Current Source

No	Top View	Side View	Bottom View
1			
2			

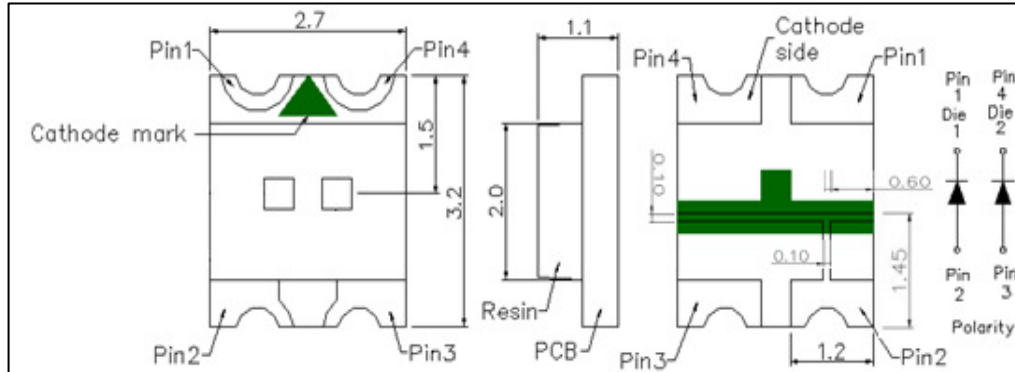
New Source

Top View	Side View	Bottom View
		

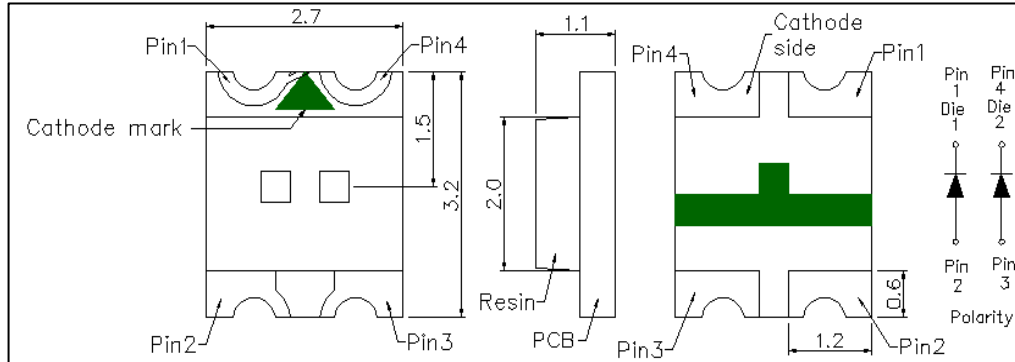
2. Datasheet update Current source

To reflect the actual package drawings on the datasheet.

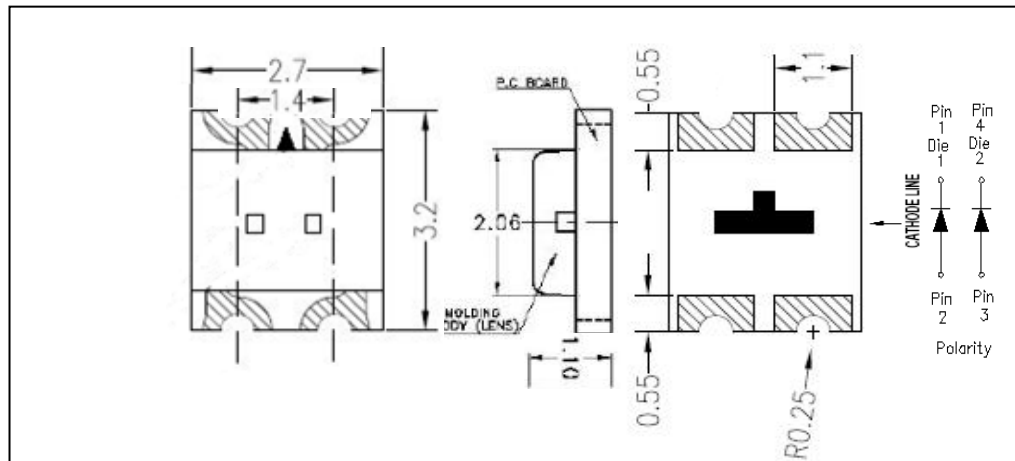
A. Metal line at the bottom of HSMF-C15x



B. No metal line at the bottom of HSMF-C15x



C. New Source





Reasons for Change:

To ensure the continuity of supply for existing part numbers.

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

There is no effect on fit and function as per datasheet. Qualification and characterization have been conducted to ensure both current and new manufacturing sources are comparable. However, there is a form change as per above package drawing.

Effective Date of Change:

1. Alternate source:

Avago Technologies will begin to ship these part numbers from both new and existing manufacturing sites effective 26th October 2009 onwards and therefore there may be mixed shipments between current and new dice source after the effective date.

2. Datasheet update:

Datasheet will be updated effectively by 29th July 2009.

Qualification Data:

Qualification data has been generated and approved. It will be available upon request. Please contact your Avago field sales engineer for further details or support requirements.

Thank you for your continuous attention to these changes.

These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure: Change Control and Customer Notification, A-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 90 days.