



520 Park East Blvd., New Albany, IN 47150 U.S.A
(812)-944-6733 / 1-800-SAMTEC9

Product Change Notification

1. ECN #: 261803

2. Date of Announcement: April 01, 2016

3. Series:

- HSEC8 - .8mm HIGH SPEED, DUAL VERTICAL MOUNT, EDGE CARD ASSEMBLY

4. Part #'s Affected

- HSEC8-1XX-01-X-RA-XX-XX

5. Description of Change:

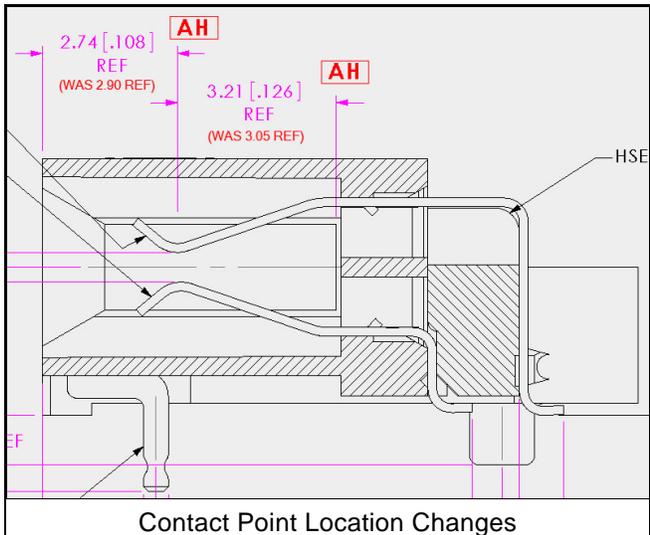
Refers to the RA configuration only. A different spacer body (as referenced in sheet 2, table 6 of the print) will be used which includes a cutout along it's entire length. This change to the component is to be considered as a rolling change and customers could receive mixed shipments with either old or new design during the transition. The contact point location also changes from 2.90mm from the front of the connector to 2.74mm. This affects the distance of the contact point to the bottom of the card slot, which changes from 3.05mm to 3.21mm.

6. Method of Identifying Change

By looking at the back of the connector near the middle polarization rib (on positions greater than 30), the spacer body is completely visible. In this area, the spacer is shorter and is exposing more of the main body. This shorter ledge is also slightly visible near the ends of the spacer and behind the pins on all positions. The contact point does not change on actual product being shipped. This was incorrect on past revisions due to a modeling error.

Existing Spacer Design		New Spacer Design	
Existing vs. New Comparison			

<p style="text-align: center;">Reason For Change Diagram</p>
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7. Reason for Change:

The existing spacer body design requires the top row pins to be inserted into the core(s) at an angle since the spacer body covers a portion of the main body core(s). See the attached picture labeled 'Reason For Change Diagram' for an explanation of components. A new spacer body design allows the entire top row core(s) of the main body to be visible which enables our production to insert the pins straight into the core. A modeling error was found on this part which incorrectly depicted the location of the contact point. This modeling error was corrected.

8. Impact of Change on Form, Fit, or Function:

- Function - This change DOES NOT affect the function as the part is soldered the same and there is no change to how the part mated with an edge card.
- Function - The contact point location moves 0.16mm towards the front of the connector allowing for increased contact wiper.
- Form - This change affects the form as the new spacer looks different.

9. Projected Implementation Date: April 27, 2016