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## Product Change Notification

**1. ECR #:** 187611  
**Notification #:** 487

**2. Date of Announcement:** December 11, 2019

**3. Series:**

- ECUE - ECUE

**4. Part #'s Affected**

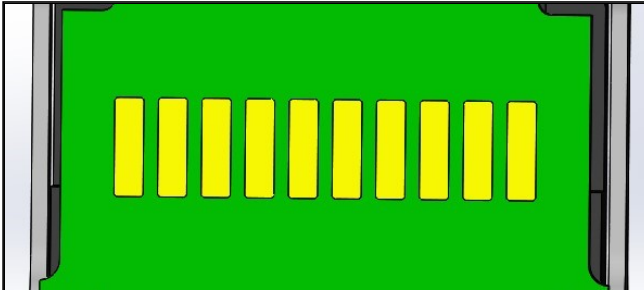
- ECUE-XX-XXX-XX-XX-XX-1-XX
- ECUE-XX-XXX-XX-XX-XX-2-XX
- PCUE-XX-XX-XXX-XX

### 5. Description of Change:

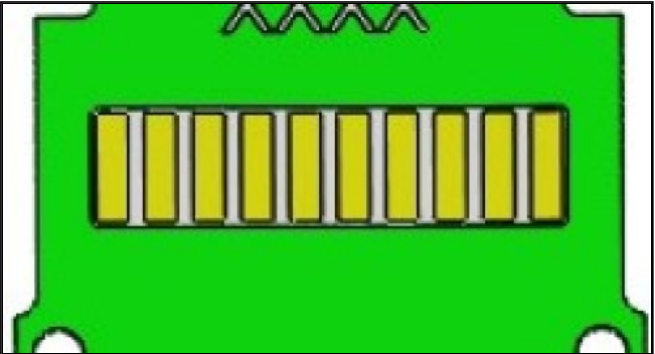
Component PCBs that currently feature black solder mask are being transitioned to green solder mask. All component PCBs will have solder mask barriers removed from between the row of non-solderable low speed signal pad surfaces on the underside of the PCB.

### 6. Method of Identifying Change

Component PCBs using black solder mask will transition to green solder mask.



The current PCBs feature solder mask on the non-solderable Gold surface pads on the bottom of the PCB.



Future PCBs will have the solder mask barriers removed from between the non-solderable pads.

### 7. Reason for Change:

The removal of the solder mask dams from between the non-solderable low speed signal pads as well as the transition from black to green solder mask, where applicable, are both being performed to improve production consistency and reliability of the printed circuit board. Green solder mask allows for improved control and processing consistency. Removal of the solder mask dams from between the non-solderable surfaces will have no functional affect on the cable assemblies but will prevent the thin sections of solder mask from potentially being damaged during manufacturing or installation.

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

- Form - Solder mask color on applicable PCBs will transition from black to green.
- Form - Solder mask damming from between the non-solderable low speed signal pads on the bottom of the PCB will be removed.

**9. Projected Implementation Date:** March 10, 2020

**Disclaimer**

Please review the change notification details listed above for specific information regarding the nature and timing of the change. While Samtec has taken precautions to ensure this change is not detrimental to your application, each application can be unique and therefore customers should consider the effect of the change on their specific application.

Samtec has taken efforts to ensure that all users of this product who have requested change notifications have been informed. However, you should assume that this is the only notification that will be sent and you, as the recipient, must determine how to communicate this information to your organization(s) and customer(s) as appropriate. If you wish to opt out of receiving Samtec Engineering Change Notification emails, please contact [CustomerECN@samtec.com](mailto:CustomerECN@samtec.com). Due to technical progress, specifications are subject to change without notification and it is recommended to provide an alternative contact when opting out.

Please contact Samtec at [CustomerECN@samtec.com](mailto:CustomerECN@samtec.com) for any questions related to this change.

Part Numbers Affected:

- ECUE-08-030-T2-FF-B4-1
- ECUE-08-030-T2-FF-B4-1
- ECUE-08-030-T2-FF-B4-1
- ECUE-08-030-T2-FF-B4-1
- ECUE-08-030-T2-FF-B4-1-D1
- ECUE-08-030-T2-FF-B4-1-D1
- ECUE-08-030-T2-FF-B4-1-D1
- ECUE-08-030-T2-FF-B4-1-D1
- ECUE-08-030-T2-FF-B4-1-D1
- ECUE-08-030-T2-FF-B4-1-D1
- ECUE-12-100-T1-FF-01-1
- ECUE-12-100-T1-FF-01-1
- ECUE-12-100-T1-FF-01-1