

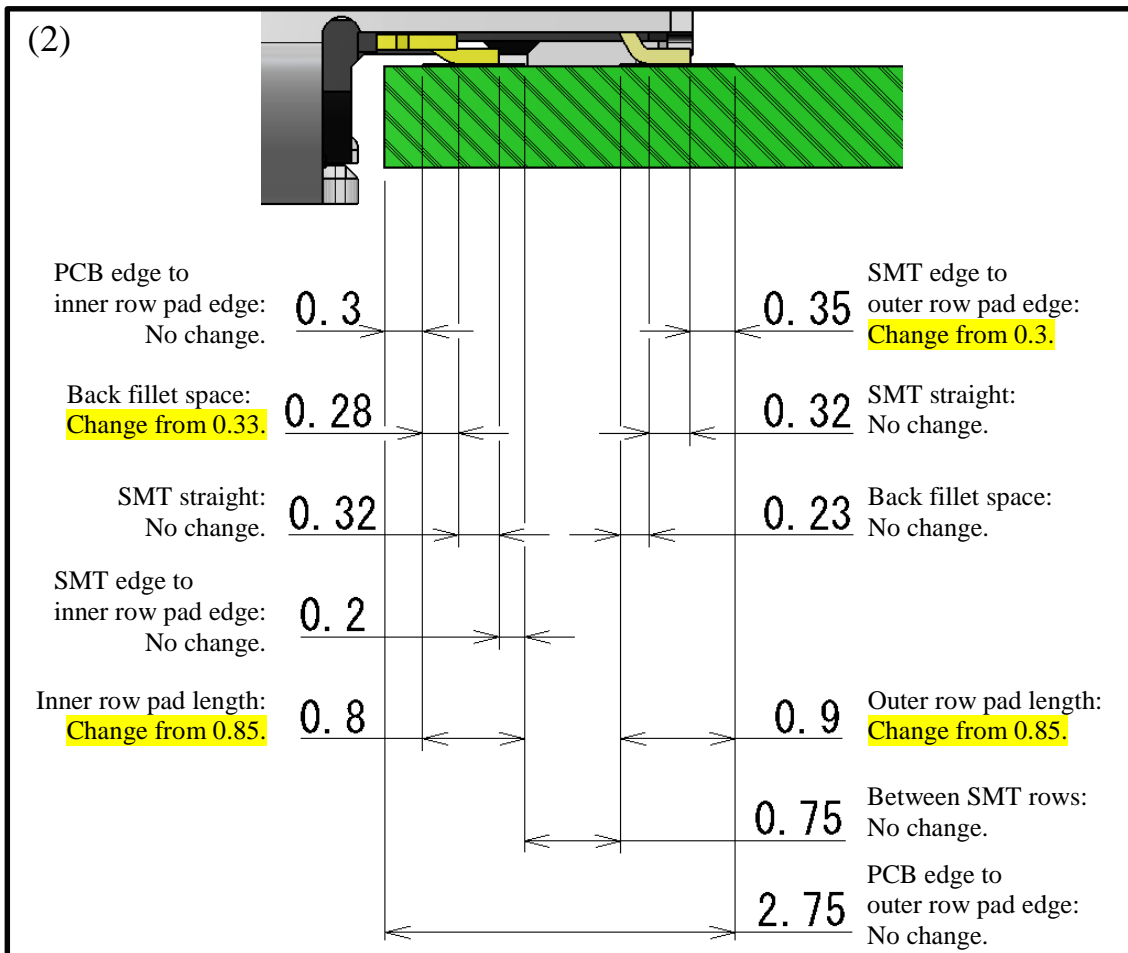
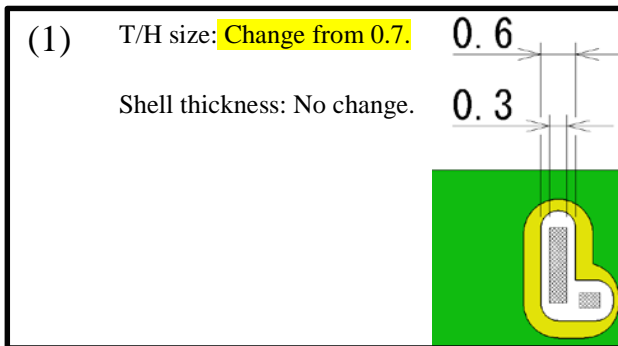
USB Type-C ENGINEERING CHANGE NOTICE

**Title: Change reference Footprint for a USB Type-C Mid-Mount Dual-Row SMT Receptacle.
(Section 3.2.1, Figure 3-7 of Page 37)**

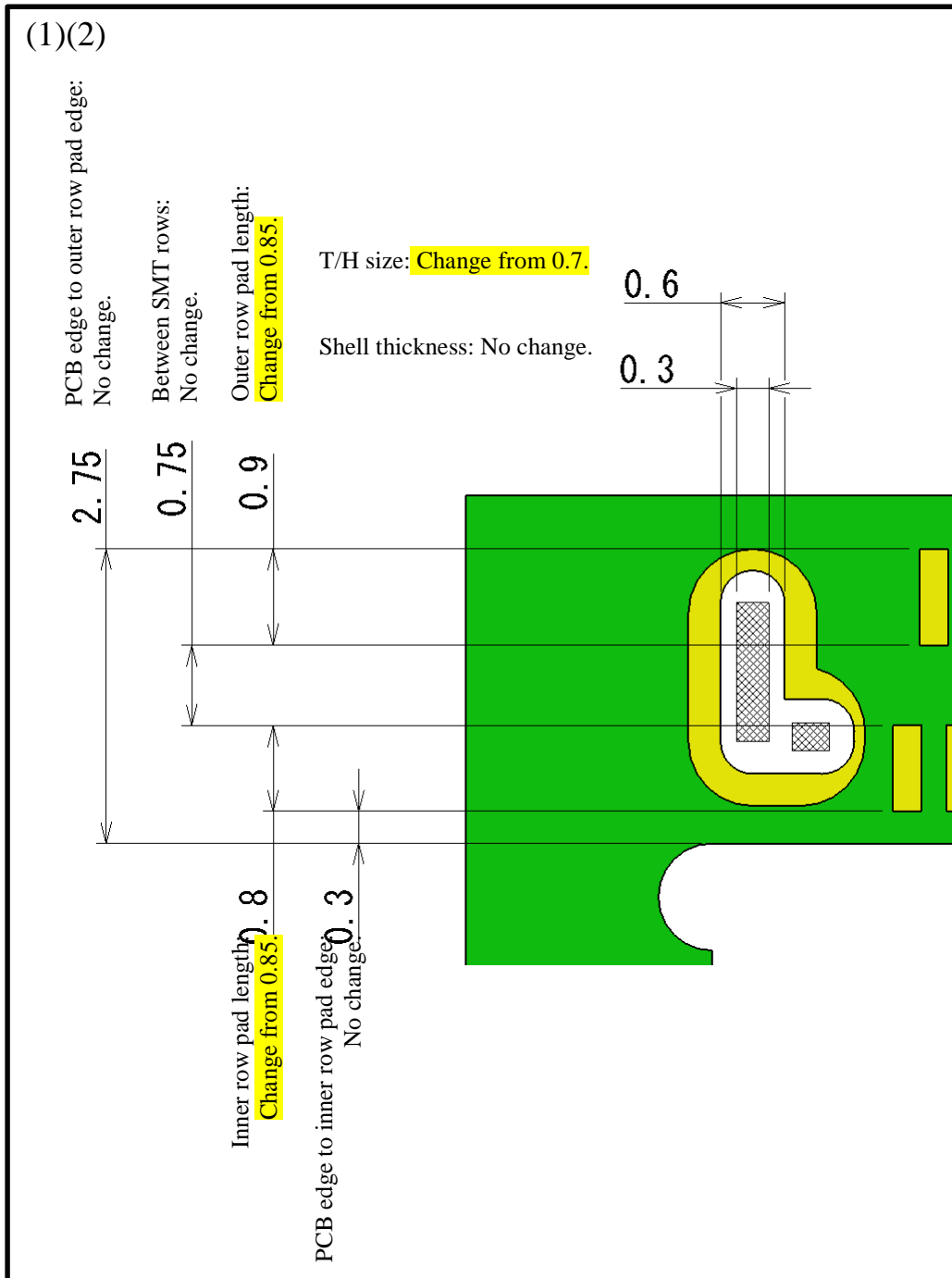
Applied to: USB Type-C Specification Release 1.0, August 11, 2014

Brief description of the functional changes:

- (1) T/H size got smaller for shell tabs. (Tightened the clearance with shell tabs.)
- (2) C/T SMT pads at an outer row were extended by 0.05mm.
C/T SMT pads at an inner row were shortened by 0.05mm.
No change for a distance between SMT rows.
No change for the near end position of the inner row of pads. etc.



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Benefits as a result of the changes:

- (1) Benefit is better final post-soldering positioning, improved control of movement during re-flow process.
- (2) No negative impact.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:

None

An analysis of the hardware implications:

The impact depends on tooling status of individual connector suppliers. At this early stage would expect that the change can be made without significant impact to overall connector tooling. And because no significant if any Rev 1.0 production shipments have been made of Type C receptacles, there should be minimal issues controlling product iteration.

An analysis of the software implications:

None

An analysis of the compliance testing implications:

No impact to compliance testing.

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Actual Change

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From

