

USB Type-C ENGINEERING CHANGE NOTICE

Title: Receptacle shell length

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

Brief description of the functional changes:

Change the 6.20 ± 0.02 receptacle shell dimension to REF. Many applications require shorter shells to be used in combination with other device hardware (e.g., exterior wall surfaces) to achieve an equivalent 6.20 ± 0.02 dimension or special design enhancements as mentioned in section 3.10.3.
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Benefits as a result of the changes:

Allows certification of short shell receptacles and provides design flexibility of hardware at the application level while still allowing full engagement of the plug to the receptacle.
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An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
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No impact.

An analysis of the hardware implications:
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Allows certification of receptacles needed for specific implementations.
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An analysis of the software implications:
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N/A

An analysis of the compliance testing implications:
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Compliance specification already has a note defining this critical dimension as reference. Additional changes will be made to the compliance specification regarding this change. Impact includes the wrenching test.

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Figure 3-1 USB Type-C Receptacle Interface Dimensions

