

USB Type-C ENGINEERING CHANGE NOTICE

Title: Footprint Dimensions figure 3-6

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

Brief description of the functional changes:

Update Figure 3-6 Reference footprint for a USB Type C Hybrid Right Angle Receptacle. The changes include datum C location correction and associated SMT pad and PTH dimensional changes. No mechanical changes except SMT pad size:

Pad width change from 0.90 to 0.70

Pad location change from 0.56 to 0.66 so that the width change removes material from only one end of the pad and does not impact existing connector tooling.

Benefits as a result of the changes:

1. Pad size and PTH location changes are for trace routing improvement.
2. Datum C was incorrectly called out on the edge of the oblong hole. Datum C should be the centerline of the oblong hole 0.65+/-0.025 dimension. .

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:

This will require PCB mounting footprint changes. Since Type C receptacles and device design is in the early development phase there should be minimal impact.

An analysis of the software implications:

None

An analysis of the compliance testing implications:

None

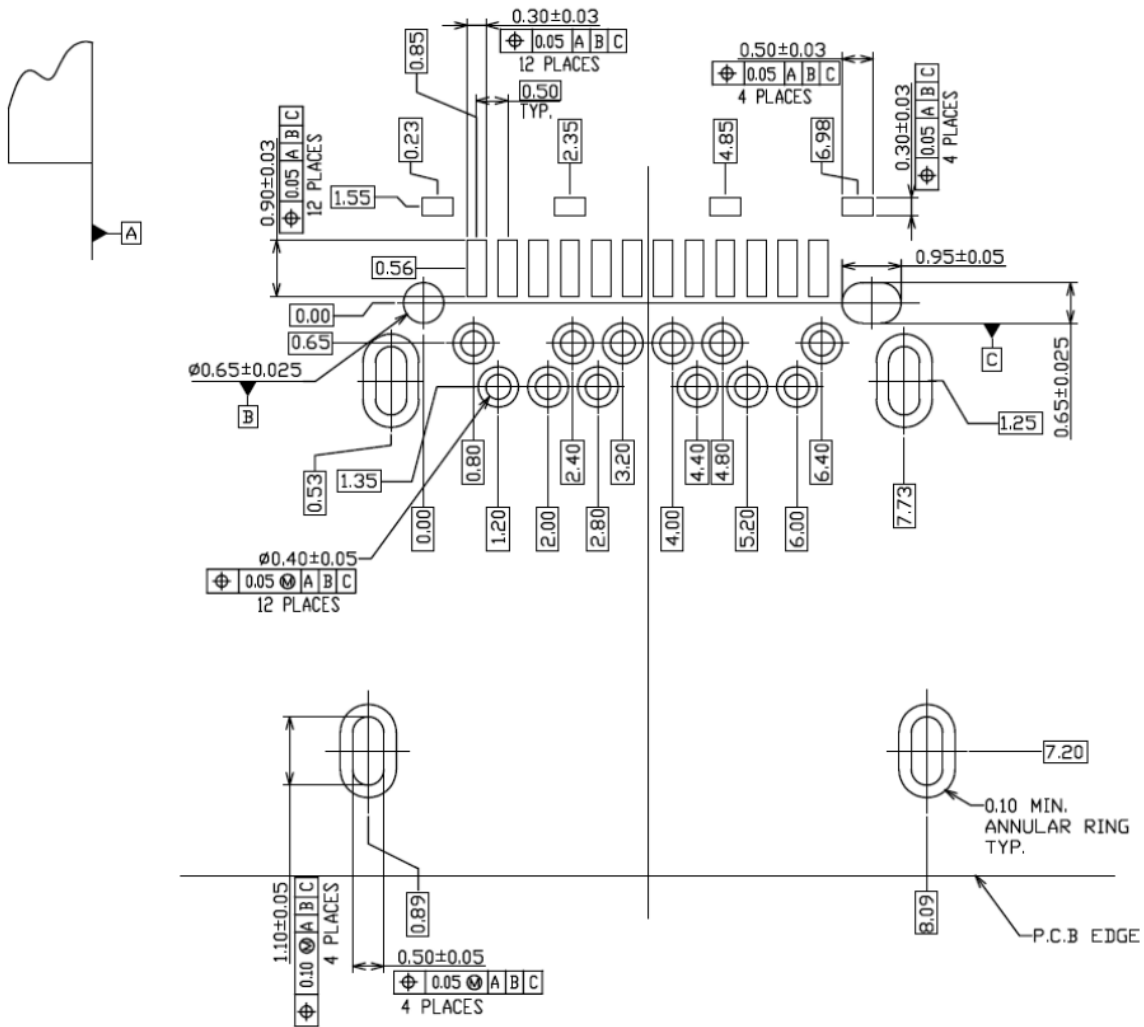
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Actual Change

(a). Section 3.2, Figure 3-6 , Page 36

From Text:

Figure 3-6 Reference Footprint for a USB Type-C Hybrid Right-Angle Receptacle
(Informative)



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To Text:

