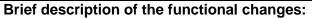
USB Type-C ENGINEERING CHANGE NOTICE

Title: EMC Spring Finger Tip

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

2014



Add a requirement that the EMC spring tip of the plug does not extend into the connector mating opening of the unmated Type-C Full-Featured and USB 2.0 plug.

Benefits as a result of the changes:

This requirement will resolve an issue seen at dry run compliance testing where the EMC finger was in a location susceptible to stubbing during the mating process.

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

There should be no impact to plugs that function properly.

An analysis of the hardware implications:

Add a visual inspection to verify compliance with the requirement. No impact to properly designed parts.

An analysis of the software implications:

N/A

An analysis of the compliance testing implications:

Add visual inspection to verify compliance.

USB Type-C ENGINEERING CHANGE NOTICE

Actual Change

(a). Section 3.2.1, Page 26

From Text:

4. The EMC shielding springs are required inside the cable plug. The shielding spring shall be connected to the plug shell. Section **Error! Reference source not found.** shows reference designs of the EMC spring.

To Text:

4. The EMC shielding springs are required inside the cable plug. The shielding spring shall be connected to the plug shell. No EMC shielding spring finger tip of the USB Full-Featured Type-C plug or USB 2.0 Type-C plug shall be exposed in the plug housing opening of the unmated Type-C plug. See Figure 3-xx. Section Error! Reference source not found. shows reference designs of the EMC spring.

<u>Figure Error!</u> No text of specified style in document. <u>-xx USB Type-C Plug EMC Shielding</u>
<u>Spring Tip Requirements</u>

