USB Type-C ENGINEERING CHANGE NOTICE

Title: EMC Spring Finger Tip
Applied to: USB Type-C Specification Release 1.0, August 11, 2014

Brief description of the functional changes:
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.

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.

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