USB Type-C ENGINEERING CHANGE NOTICE

Title: Durability Cycling Rate
Applied to: USB Type-C Specification Release 1.0, August 11, 2014

Brief description of the functional changes:
Increase durability cycle rate to reflect EIA364-09 for automated test fixtures.

Benefits as a result of the changes:
Brings test cycling rate in compliance with the referenced test procedure specification and decreases test time.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
Reduces qualification test time. No impact to components.

An analysis of the hardware implications:
N/A

An analysis of the software implications:
N/A

An analysis of the compliance testing implications:
The compliance test specification already defines the testing as proposed in this ECR.

USB Type-C ENGINEERING CHANGE NOTICE

Actual Change

(a). Section 3.8.1.3, Page 94

From Text:

3.8.1.3 Durability or Insertion/Extraction Cycles (EIA 364-09)

The durability rating shall be 10,000 cycles minimum for the USB Type-C connector family. The durability test shall be done at a maximum rate of 200 cycles per hour and no physical damage to any part of the connector and cable assembly shall occur.

To Text:

3.8.1.3 Durability or Insertion/Extraction Cycles (EIA 364-09)

The durability rating shall be 10,000 cycles minimum for the USB Type-C connector family. The durability test shall be done at a ~~maximum~~ rate of ~~200~~ 500 ± 50 cycles per hour and no physical damage to any part of the connector and cable assembly shall occur.