

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Universal serial bus interfaces for data and power –  
Part 2: Universal serial bus – Micro-USB cables and connectors specification,  
revision 1.01**

**Interfaces de bus universel en série pour les données et l'alimentation électrique –  
Partie 2: Bus universel en série – Spécification des câbles et connecteurs micro-  
USB, révision 1.01**



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# INTERNATIONAL ELECTROTECHNICAL COMMISSION

## UNIVERSAL SERIAL BUS INTERFACES FOR DATA AND POWER –

### Part 2: Universal serial bus – Micro-USB cables and connectors specification, revision 1.01

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The text of this standard is based on the following documents:

FDIS	Report on voting
100/2153/FDIS	100/2184/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

A list of all the parts in the IEC 62680 series, published under the general title *Universal serial bus interfaces for data and power* can be found on the IEC website.

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The USB Implementers Forum, Inc.(USB-IF) is a non-profit corporation founded by the group of companies that developed the Universal Serial Bus specification. The USB-IF was formed to provide a support organization and forum for the advancement and adoption of Universal Serial Bus technology. The Forum facilitates the development of high-quality compatible USB peripherals (devices), and promotes the benefits of USB and the quality of products that have passed compliance testing.

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IEC 62680-1, *Universal Serial Bus interfaces for data and power – Part 1: Universal Serial Bus Specification, Revision 2.0*

IEC 62680-2, *Universal Serial Bus interfaces for data and power – Part 2: USB Micro-USB Cables and Connectors Specification, Revision 1.01*

IEC 62680-3, *Universal Serial Bus interfaces for data and power – Part 3: USB Battery Charging Specification, Revision 1.2*

IEC 62680-4, *Universal Serial Bus interfaces for data and power – Part 4: Universal Serial Bus Cables and Connectors Class Document Revision. 2.0*

This part of the IEC 62680 series consists of several distinct parts:

- the main body of the text, which consists of the original specification and all ECN and Errata developed by the USB-IF.

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**Note: All Engineering Change Notice's (ECN) and Errata documents as of September 01, 2012 that pertain to this core specification follow the last page of the specification starting on page 37.**

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## Universal Serial Bus Micro-USB Cables and Connectors Specification

Revision 1.01  
April 4, 2007

### Revision History

Revision	Issue Date	Comment
0.6	1/30/2006	Revisions to all sections
0.7	3/24/2006	Added revised Micro-USB drawings to Rev.0.8
0.8	4/19/2006	Editorial changes and additions by Jan Fahlund (Nokia)
0.8b	4/26/2006	Corrections to the 0.8 version (based by comments from contributors)
0.9	6/7/2006	Corrections based on comments from the 0.8b version
1.0RC	8/2/2006	Added lubricant recommendation, LLRC delta change specified
1.01RC	11/10/2006	Editorial changes and addition based on Oct-06 USB-IF CCWG meeting.
1.02RC	12/10/2006	Shell material thickness tolerances changed so that material can be 0.25 mm or 0.3 mm; edited three pictures (Figure 4-10, 4-11 and 4-12).
1.03RC	12/11/2006	Two pictures edited (Figure 4-8 and 4-9). In fig 4-8 max height to be 2.8mm MAX. In fig 4-9 R0.25mm MAX to be R0.30mm MAX.
1.0RC3	12/19/2006	For BoD approval
1.0	1/12/2007	Approved
1.0	1/22/2007	Cosmetic edits for publication
1.01	4/4/2007	Editorial corrections and additions to contributor list. Reinserted shell and plug material requirements as section 6.10. Clarified wording on Plating Recommendations.

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