

Environmental testing - Part 2-20: Tests - Test Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 60068-2-20:2021 sisaldab Euroopa standardi EN IEC 60068-2-20:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 60068-2-20:2021 consists of the English text of the European standard EN IEC 60068-2-20:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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English Version

**Environmental testing - Part 2-20: Tests - Test Ta and Tb: Test
methods for solderability and resistance to soldering heat of
devices with leads
(IEC 60068-2-20:2021)**

Essais d'environnement - Partie 2-20: Essais - Essais Ta et
Tb: Méthodes d'essai de la brasabilité et de la résistance à
la chaleur de brasage des dispositifs à broches
(IEC 60068-2-20:2021)

Umgebungseinflüsse - Teil 2-20: Prüfungen - Prüfung Ta
und Tb: Prüfverfahren für die Lötbarkeit und
Lötwärmebeständigkeit von Bauelementen mit
herausgeführten Anschlüssen
(IEC 60068-2-20:2021)

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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 91/1701/FDIS, future edition 6 of IEC 60068-2-20, prepared by IEC/TC 91 "Electronics assembly technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60068-2-20:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-02-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-05-04

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-2-58 NOTE Harmonized as EN 60068-2-58

IEC 60068-2-69:2017 NOTE Harmonized as EN 60068-2-69:2017 (not modified)

IEC 61190-1-3:2017 NOTE Harmonized as EN IEC 61190-1-3:2018 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60068-2-2	-	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	-
IEC 60068-2-66	-	Environmental testing - Part 2: Test methods - Test Cx: Damp heat, steady state (unsaturated pressurized vapour)	EN 60068-2-66	-
IEC 60068-2-78	-	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	-
IEC 61191-3	-	Printed board assemblies - Part 3: Sectional specification - Requirements for through-hole mount soldered assemblies	EN 61191-3	-
IEC 61191-4	-	Printed board assemblies - Part 4: Sectional specification - Requirements for terminal soldered assemblies	EN 61191-4	-

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Environmental testing –

Part 2-20: Tests – Tests Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads

Essais d'environnement –

Partie 2-20: Essais – Essais Ta et Tb: Méthodes d'essai de la brasabilité et de la résistance à la chaleur de brasage des dispositifs à broches



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INTERNATIONAL STANDARD

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENVIRONMENTAL TESTING –

**Part 2-20: Tests –
Tests Ta and Tb: Test methods for solderability
and resistance to soldering heat of devices with leads**

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This sixth edition cancels and replaces the fifth edition published in 2008. This sixth edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) update of and clarification of pre-conditioning (former "aging") and its relation to natural aging.

The text of this International Standard is based on the following documents:

Draft	Report on voting
91/1701/FDIS	91/1711/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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