BS EN IEC 60068-2-20:2021

BSI Standards Publication

Environmental testing

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

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National foreword

This British Standard is the UK implementation of EN IEC 60068-2-20:2021. It is identical to IEC 60068-2-20:2021. It supersedes BS EN 60068-2-20:2008, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/501, Electronic Assembly Technology.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

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NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60068-2-20

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Supersedes EN 60068-2-20:2008 and all of its amendments and corrigenda (if any)

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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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-05-04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)

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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.

Publication	Year	Title	EN/HD	Year
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	-

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ENVIRONMENTAL TESTING –

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IEC 60068-2-20 has been prepared by IEC technical committee 91: Electronics assembly technology. It is an International Standard.

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.

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