IEC 60068-2-20

Edition 5.0 2008-07

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



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

## Essais d'environnement – Partie 2-20: Essais – Essai T: Méthodes d'essai de la brasabilité et de la résistance à la chaleur de brasage des dispositifs à broches



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

# ENVIRONMENTAL TESTING –

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

## FOREWORD

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

This fifth edition cancels and replaces the fourth edition, published in 1979 and its Amendment 2 (1987). Amendment 2 includes Amendment 1. This fifth edition constitutes a technical revision and includes test conditions and requirements for use of lead-free solder.

The major technical changes with regard to the fourth edition are the following:

– the solder globule test is deleted;
– test conditions and requirements for lead-free solders are added.

This bilingual version, published in 2009-08, corresponds to the English version.

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

| FDIS | Report on voting |
|---|---|
| 91/764/FDIS | 91/774/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.

The French version of this standard has not been voted upon.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 60068 series, under the general title *Environmental testing*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.