



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62025-2:2005

ICS 29.100.10

**HIGH FREQUENCY INDUCTIVE COMPONENTS
- NON-ELECTRICAL CHARACTERISTICS AND
MEASURING METHODS PART 2: TEST
METHODS FOR NON-ELECTRICAL
CHARACTERISTICS (IEC 62025-2:2005)**

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 62025-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2005

ICS 29.100.10

English version

**High frequency inductive components –
Non-electrical characteristics and measuring methods
Part 2: Test methods for non-electrical characteristics
(IEC 62025-2:2005)**

Composants inductifs à haute fréquence -
Caractéristiques non électriques
et méthodes de mesure
Partie 2: Méthodes d'essai pour
caractéristiques non électriques
(CEI 62025-2:2005)

Induktive Hochfrequenzbauelemente -
Nichtelektrische Eigenschaften
und Messmethoden
Teil 2: Messverfahren für nichtelektrische
Eigenschaften
(IEC 62025-2:2005)

This European Standard was approved by CENELEC on 2005-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 51/797/FDIS, future edition 1 of IEC 62025-2, prepared by IEC TC 51, Magnetic components and ferrite materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62025-2 on 2005-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-11-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-02-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62025-2:2005 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 ¹⁾	1994
IEC 60068-2-6 + corr. March	1995 1995	Part 2: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	1995
IEC 60068-2-20	1979	Part 2: Tests - Test T: Soldering	HD 323.2.20 S3 ²⁾	1988
IEC 60068-2-21	1999	Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN 60068-2-21	1999
IEC 60068-2-27	1987	Part 2: Tests - Test Ea and guidance: Shock	EN 60068-2-27	1993
IEC 60068-2-45	1980	Part 2: Tests - Test Xa and guidance: Immersion in cleaning solvents	EN 60068-2-45	1992
IEC 60068-2-58	2004	Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)	EN 60068-2-58 + corr. December	2004 2004
IEC 60068-2-69	- ³⁾	Part 2: Tests - Test Te: Solderability testing of electronic components for surface mount technology by the wetting balance method	EN 60068-2-69	1996 ⁴⁾
IEC 60068-2-77	1999	Part 2-77: Tests - Test 77: Body strength and impact shock	EN 60068-2-77	1999
IEC 61188-5-2	2003	Printed boards and printed board assemblies - Design and use Part 5-2: Attachment (land/joint) considerations - Discrete components	EN 61188-5-2	2003

¹⁾ EN 60068-1 includes corrigendum October 1988 + A1:1992 to IEC 60068-1.

²⁾ HD 323.2.20 S3 includes A2:1987 to IEC 60068-2-20.

³⁾ Undated reference.

⁴⁾ Valid edition at date of issue.

EN 62025-2:2005

- 4 -

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61190-1-2	2002	Attachment materials for electronic assembly Part 1-2: Requirements for solder pastes for high-quality interconnections in electronics assembly	EN 61190-1-2	2002
IEC 61190-1-3	2002	Attachment materials for electronic assembly Part 1-3: Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solders for electronic soldering applications	EN 61190-1-3	2002
IEC 62211	2003	Inductive components - Reliability management	EN 62211	2004

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