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**Dielektrični resonatorji valovodnega tipa – 4-1. del: Okvirna podrobna  
specifikacija (IEC 61338-4-1:2005)**

Waveguide type dielectric resonators – Part 4-1: Blank detail specification (IEC  
61338-4-1:2005)

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EUROPEAN STANDARD

**EN 61338-4-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2005

ICS 31.140

English version

**Waveguide type dielectric resonators**  
**Part 4-1: Blank detail specification**  
(IEC 61338-4-1:2005)

Résonateurs diélectriques  
à modes guidés  
Partie 4-1: Spécification particulière cadre  
(CEI 61338-4-1:2005)

Dielektrische Resonatoren  
vom Wellenleitertyp  
Teil 4-1: Vordruck für die Bauspezifikation  
(IEC 61338-4-1:2005)

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This European Standard was approved by CENELEC on 2005-04-01. 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.

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**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 49/703/FDIS, future edition 1 of IEC 61338-4-1, prepared by IEC TC 49, Piezoelectric and dielectric devices for frequency control and selection, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61338-4-1 on 2005-04-01.

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) | 2006-01-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2008-04-01 |

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61338-4-1:2005 was approved by CENELEC as a European Standard without any modification.

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**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 61338-1	- 1)	Waveguide type dielectric resonators Part 1: Generic specification	EN 61338-1	2005 2)
IEC 61338-4	- 1)	Part 4: Sectional specification	EN 61338-4	2005 2)

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1) Undated reference.

2) Valid edition at date of issue.

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# INTERNATIONAL STANDARD

# IEC 61338-4-1

First edition  
2005-03

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## Waveguide type dielectric resonators – Part 4-1: Blank detail specification

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**WAVEGUIDE TYPE DIELECTRIC RESONATORS –**

**Part 4-1: Blank detail specification**

FOREWORD

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International Standard IEC 61338-4-1 has been prepared by IEC technical committee 49: Piezoelectric and dielectric devices for frequency control and selection.

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

FDIS	Report on voting
49/703/FDIS	49/717/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.

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



IEC 61338 consists of the following parts, under the general title *Waveguide type dielectric resonators*:

Part 1: Generic specification

Part 1-3: General information and test conditions – Measurement method of complex relative permittivity for dielectric resonator materials at microwave frequency

Part 2: Guidelines for oscillator and filter applications

Part 4: Sectional specification

Part 4-1: Blank detail specification (this publication)

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.

A bilingual version of this publication may be issued at a later date.

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