

Waveguide type dielectric resonators —

Part 4: Sectional specification

The European Standard EN 61338-4:2005 has the status of a British Standard

ICS 31.140

National foreword

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The UK participation in its preparation was entrusted to Technical Committee EPL/49, Piezo-electric devices for frequency control and selection, which has the responsibility to:

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 19 and a back cover.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 9 December 2005

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ISBN 0 580 46231 5

Amendments issued since publication

Amd. No.	Date	Comments

Waveguide type dielectric resonators
Part 4: Sectional specification
(IEC 61338-4:2005)

Résonateurs diélectriques
à modes guidés
Partie 4: Spécification intermédiaire
(CEI 61338-4:2005)

Dielektrische Resonatoren
vom Wellenleitertyp
Teil 4: Rahmenspezifikation
(IEC 61338-4:2005)

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CENELEC

European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 49/702/FDIS, future edition 1 of IEC 61338-4, 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 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with the EN have to be withdrawn | (dow) | 2008-04-01 |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.

Endorsement notice

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

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WAVEGUIDE TYPE DIELECTRIC RESONATORS –

Part 4: Sectional specification

1 General

1.1 Scope

This sectional specification applies to waveguide type dielectric resonators as custom built products or as standard catalogue items whose quality is assessed on the basis of capability approval.

It prescribes the preferred ratings and characteristics with the appropriate tests and measuring methods contained in IEC 61338-1, and gives the general performance requirements to be used in detail specifications for waveguide type dielectric resonators.

The concept of preferred values is in general directly applicable to standard catalogue items but does not necessarily apply to custom built products.

1.2 Normative references

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.

IEC 61338-1, *Waveguide type dielectric resonators – Part 1: Generic specification*

QC 001002-3, *IEC Quality Assessment System for Electronic Components (IECQ) – Rules of Procedure – Part 3: Approval procedures*

QC 001005, *Register of Firms, Products and Services approved under the IECQ System, including ISO 9000*

2 Preferred ratings and guidance on detail specifications

2.1 Preferred ratings and characteristics

The values given in detail specifications shall preferably be selected from those stated in 2.3 of IEC 61338-1.

2.2 Information to be prescribed in detail specifications (for both custom built and standard catalogue items)

Guidance on the preparation of detail specifications is given in the blank detail specification.

Each detail specification shall state all the tests and measurements required for inspection. For standard catalogue items this shall, as a minimum, include the relevant tests given in the blank detail specification, with methods and severities.

The following information shall be given in each detail specification.