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Waveguide type dielectric resonators

Part 4-1:
Blank detail specification

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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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- withdrawn,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.

INTRODUCTION

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for the minimum content of detail specifications.

The front page layout shown on the next page is applicable to detail specifications for standard catalogue items only.

For custom-built waveguide type dielectric resonators where the detail specification is not intended for publication, a suggested layout for the front page is given in Annex A. This is not mandatory, but it is recommended that the layout should be followed whenever possible.

Identification of the detail specification and of the component

The numbers between square brackets on the front page of the detail specification correspond to the following information which should be given in the appropriate boxes.

(1) The name of the National Standards Organization under whose authority the detail specification is published and, if applicable, the organization from whom the detail specification is available.

(2) The IEC and National Standards number allotted to the detail specification, date of issue and any further information required by the national system.

(3) The number and issue number of the IEC generic or sectional specification as relevant; also national reference if different.

(4) If different from the IEC number, the national number of the detail specification, date of issue and any further information required by the national system, together with any amendment numbers.

(5) A brief description of the waveguide type dielectric resonator or range of resonators (For example, nominal frequency and type of resonator).

For (5) the text to be given in the detail specification should be suitable for any entry in IEC QC 001005 and IEC QC 001104.

(6) An outline drawing with main dimensions which are of importance for interchangeability and/or reference to the appropriate national or international document for outlines. Alternatively, this drawing may be given in an annex to the detail specification.

Specification available from: (1)	Detail specification (2) Page 1 of …
ELECTRONIC COMPONENTS OF ASSESSED QUALITY BY CAPABILITY APPROVAL IN ACCORDANCE WITH: Generic specification: IEC 61338-1 Sectional specification: IEC 61338-4 (3)	(4)
Outline and dimensions – (first angle projection): (6) Dimensions in mm	. (5)