

**Blank Detail Specification: Quartz
crystal units (Qualification approval)**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 168201:2006 sisaldab Euroopa standardi EN 168201:1992 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 27.01.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 168201:2006 consists of the English text of the European standard EN 168201:1992.</p> <p>This document is endorsed on 27.01.2006 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p>	<p>Scope:</p>
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ICS 31.140

Võtmesõnad:

UDC:

Descriptors: Quality, electronic components, quartz crystal units

English version

Blank Detail Specification:

Quartz crystal units (Qualification approval)

**Spécification Particulière Cadre:
Résonateurs à quartz
(Homologation)**

**Vordruck für Bauartspezifikation:
Schwingquarze
(Bauartzulassung)**

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 14 January 1992. The text of this standard consists of the text of CECC 68 201 Issue 1 (with erratum) 1990 of the corresponding CECC Specification. CENELEC members are bound to comply with 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 General Secretariat of the CECC 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 CECC General Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and United Kingdom. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

CECC

CENELEC Electronic Components Committee

Comité des Composants Electroniques du CENELEC

CENELEC Komitee für Bauelemente der Elektronik

General Secretariat: Gartenstr. 179, D- 6000 Frankfurt/Main 70

Cette page bleue doit être insérée après la page de garde de la CECC 68 201 (Edition 1) 1990

SPECIFICATION PARTICULIERE CADRE:

RESONATEURS A QUARTZ (Homologation)

ERRATUM

Supprimer les pages 3/4 et insérer les nouvelles pages 3/4.
(En Section 5, article 2, l'expression "ou client" a été supprimée).

This blue page should be inserted after the title page of CECC 68 201 (Issue 1) 1990

BLANK DETAIL SPECIFICATION:

QUARTZ CRYSTAL UNITS (Qualification Approval)

ERRATUM

Remove pages 3/4 and insert the new pages 3/4.
(In Section 5, item 2, the words "or customer" have been deleted).

Dieses blaue Blatt ist nach dem Titelblatt der CECC 68 201 (Ausgabe 1) 1990 einzufügen

VORDRUCK FÜR BAUARTSPEZIFIKATION:

SCHWINGQUARZE (Baartzulassung)




ERRATUM

Die Seiten 3/4 sind zu entfernen und durch die neuen Seiten 3/4 zu ersetzen.
(In Abschnitt 5, Punkt 2 wurden die Worte "oder Kunden-" gestrichen).

Enregistrer cette modification sur la feuille jaune "Enregistrement de modifications".

Enter this amendment on the yellow "Record of amendments" sheet.

Diese Änderung ist auf dem gelben Blatt "Verzeichnis der Änderungen" einzutragen.

Specification available from : [1]	[2] CECC 68 201-XXX Issue  Date Page 1 of
ELECTRONIC COMPONENTS OF ASSESSED QUALITY BY QUALIFICATION APPROVAL IN ACCORDANCE WITH : [3]	[4]
Outline and dimensions - (first angle projection) :   [7]	QUARTZ CRYSTAL UNITS [5] ENCLOSURE [6] ASSESSMENT LEVEL [8]
Dimensions in mm	

1. RATINGS (see 2.4 of CECC 68 000 for preferred ratings)

Operating temperature range

Circuit condition

Maximum Drive level

Measurement Drive level

Climatic category

Mechanical test severities

Information about manufacturers who have components qualified to this detail specification is available in the current CECC 00 200 : Qualified Products List.

2. CHARACTERISTICS (see 2.3 of CECC 68 000)

Nominal frequency/range

Reference temperature

Frequency tolerance(s)

Maximum resonance resistance

In addition other characteristics including the following may be stated

Shunt capacitance

Motional parameters or Frequency pulling range

Unwanted responses

Ageing rate

Drive level dependency.

Note: Information on the above characteristics may be given in tabular form.

3. RELATED DOCUMENTS

Generic specification CECC 68 000

Sectional specification CECC 68 200

4. MARKING

The marking of the quartz crystal unit and the primary package shall be in accordance with the requirements of 2.5 of CECC 68 000. Full details shall be given in the detail specification.

5. ORDERING INFORMATION

The following ordering information shall be specified

- (1) Quantity
- (2) CECC detail specification number, issue number and date

and where applicable

- (3) Nominal frequency expressed in kHz or MHz and overtone order
- (4) Enclosure type
- (5) Frequency tolerance(s) and operating temperature range
- (6) Circuit condition
- (7) Full description of any additional requirements

An example of ordering information shall be given.