

## **Sectional Specification: Quartz crystal controlled oscillators (Qualification approval)**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 169200:2006 sisaldab Euroopa standardi EN 169200:1995 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 169200:2006 consists of the English text of the European standard EN 169200:1995.</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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<b>Käsitlusala:</b>	<b>Scope:</b>

**ICS 31.140**

**Võtmesõnad:**

Descriptors: Quality, electronic components, quartz crystal controlled oscillators

English version

**Sectional Specification:  
Quarz crystal controlled oscillators  
(Qualification approval)**

Spécification intermédiaire:  
Oscillateurs pilotés par Quartz  
(Homologation)

Rahmenspezifikation:  
Quarzoszillatoren  
(Bauartanerkennung)

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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

This European Standard was prepared by Working Group CLC/TC CECC/WG 17.

The text of the draft based on document CECC(Secretariat)3325 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3455, it was approved as EN 169200 on 1993-11-01.

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) 1996-01-31
  - latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1997-01-31
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CONTENTS

	PAGE
Clause	
SECTION 1 - SCOPE	4
SECTION 2 - GENERAL, PREFERRED RATINGS AND GUIDANCE ON DETAIL SPECIFICATIONS	4
2.1 Related documents	4
2.2 Preferred ratings and characteristics	4
2.3 Information to be prescribed in detail specifications	4
SECTION 3 - QUALITY ASSURANCE PROCEDURES	6
3.1 Eligibility for qualification approval	6
3.2 Structural similarity	6
3.3 Certified test records	6
3.4 Qualification approval	6
3.5 Quality conformance inspection	7
ANNEX A Test schedule for qualification approval	15
ANNEX B Ageing Test	22

## SECTION 1 - SCOPE

This sectional specification applies to quartz crystal controlled oscillators whose quality is assessed on the basis of qualification approval.

It prescribes the preferred ratings and characteristics, with the appropriate tests and measuring methods contained in the generic specification EN 169 000, and gives the general performance requirements to be used in detail specifications for quartz crystal controlled oscillators.

## SECTION 2 - GENERAL, PREFERRED RATINGS AND GUIDANCE ON DETAIL SPECIFICATIONS

### 2.1 Related Documents

IEC 68	Basic environmental testing procedures.
EN 169 000	Generic specification: Quartz crystal controlled oscillators.

Note: The above references apply to the current editions except for IEC 68 for which the referred edition and the applicable test clauses of EN 169 000 shall be used.

### 2.2 Preferred ratings and characteristics

The values given in detail specifications shall preferably be selected from those stated in 2.4 of the generic specification EN 169 000.

### 2.3 Information to be prescribed in detail specifications

Guidance on the preparation of detail specifications shall be derived from the blank detail specification.

Each detail specification shall state all the tests and measurements required for inspection. 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.

#### 2.3.1 Outline drawing and dimensions

The detail specification shall include a dimensioned drawing of the crystal controlled oscillator and/or a reference to an appropriate international standard to permit easy recognition and to provide information for dimensioning and gauging procedures.

The dimensions shall include the overall dimensions of the body of the component and the size and spacing of the terminations. All dimensions shall be in mm.