

**Harmonized system of quality  
assessment for electronic components**

# **Sectional specification: Quartz crystal units (qualification approval)**

The European Standard EN 168200:1993, together with its amendment A1:1993, has the status of a British Standard

# Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Electronic Components Standards Policy Committee (ECL/-) to Technical Committee ECL/11, upon which the following bodies were represented:

- British Telecommunications plc
- EEA (The Association of the Electronics, Telecommunications and Business Equipment Industries)
- Electronic Components Industry Federation
- Institution of Electrical Engineers
- Ministry of Defence
- National Supervising Inspectorate
- Society of British Aerospace Companies Limited

This British Standard, having been prepared under the direction of the Electronic Components Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 31 May 1991

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The following BSI references relate to the work on this standard:  
Committee reference ECL/11  
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## Amendments issued since publication

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# Contents

|                            | Page               |
|----------------------------|--------------------|
| Committees responsible     | Inside front cover |
| National foreword          | ii                 |
| Foreword                   | 2                  |
| Text of EN 168200          | 3                  |
| Publication(s) referred to | Inside back cover  |

# National foreword

This British Standard has been prepared by Technical Committee EPL/49 (formerly ECL/11) and is the English language version of EN 168200:1993, *Sectional specification: Quartz crystal units (Qualification Approval)*, together with its amendment A1:1993, published by the CENELEC Electronic Components Committee (CECC).

EN 168200 has been prepared by CECC Working Group 17, Piezoelectric devices for frequency control and selection, and the United Kingdom participation in the drafting was provided by Technical Committee EPL/49, Piezoelectric devices for frequency control and selection.

### Cross-references

| Publication referred to             | Corresponding British Standard                                                                                                                                        |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IEC 68                              | BS 2011: <i>Environmental testing</i><br>BS EN 60068: <i>Environmental testing</i>                                                                                    |
| EN 168000:1993<br>(CECC 68000:1989) | BS EN 168000:1996 <i>Harmonized system of quality assessment for electronic components. Generic specification: Quartz crystal units</i>                               |
| EN 168201:1992                      | BS EN 168201:1996 <i>Harmonized system of quality assessment for electronic components. Blank Detail specification: Quartz crystal units (Qualification approval)</i> |

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### Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Quality, electronic components, quartz crystal units

English version

## Sectional Specification: Quartz Crystal Units (Qualification Approval)

(Includes Amendment A1:1993)

Spécification intermédiaire:  
Résonateurs à quartz  
(Homologation)  
(Inclut l'amendement A1:1993)

Rahmenspezifikation:  
Schwingquarze  
(Bauartanerkennung)  
(Einschließlich Änderung A1:1993)

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 14th January 1992. 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.

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.

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## CECC

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

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

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Foreword

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This amendment to the European Standard was prepared by CECC WG 17, Piezoelectric devices for frequency control and selection.

The text of the draft based on document CECC (Secretariat) 2898 was submitted to the formal vote; together with the voting report, circulated as document CECC (Secretariat) 3111 it was approved by CECC as EN 168200/A1 on 25 May 1992.

The following dates were fixed:

- latest date of announcement of the EN at national level (doa) 1993-06-17
- latest date of publication of an identical national standard (dop) 1993-12-17
- latest date of declaration of national standards obsolescence 1993-12-17
- latest date of withdrawal of conflicting national standards (dow) 2003-06-17

Contents

|                                                                                                       | Page |
|-------------------------------------------------------------------------------------------------------|------|
| Foreword                                                                                              | 2    |
| Section 1. Scope                                                                                      |      |
| Section 2. General, preferred ratings and guidance on detail specifications                           |      |
| 2.1 Related documents                                                                                 | 3    |
| 2.2 Preferred ratings and characteristics                                                             | 3    |
| 2.3 Information to be prescribed in detail specifications                                             | 3    |
| Section 3. Quality assurance procedures                                                               |      |
| 3.1 Eligibility for qualification approval                                                            | 4    |
| 3.2 Structural similarity                                                                             | 4    |
| 3.3 Certified test records                                                                            | 4    |
| 3.4 Qualification approval                                                                            | 4    |
| 3.5 Quality conformance inspection                                                                    | 5    |
| Annex A Test schedule for qualification approval                                                      | 8    |
| Table 1 — Sampling plan together with numbers permissible defectives for Qualification Approval tests | 6    |
| Table 2 — Lot-by-lot tests                                                                            | 7    |
| Table 3 — Periodic Tests                                                                              | 7    |