

Rules for the preparation of
Detail specifications for

Quartz crystal units of assessed quality — Full assessment level

Foreword

This standard which has been prepared under the direction of the Electronic Components Standards Committee, is the Blank Detail Specification for quartz crystal units in the BS 9000 system of standards for electronic components. This standard revises and combines the following Rules for the preparation of detail specifications:

- a) BS 9611:1973 for solder-sealed quartz crystal units of assessed quality for oscillator applications. General application category.
- b) BS 9612:1973 for welded seal quartz crystal units of assessed quality oscillator applications. General application category.
- c) BS 9613:1973 for glass-encapsulated quartz crystal units of assessed quality for oscillator applications. General application category.

These superseded Rules documents are to be withdrawn.
A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.
Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 8 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.

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Foreword	Inside front cover
1 Introduction	1
2 Scope	1
3 Detail specification	1
4 Ratings	3
5 Characteristics	3
6 Marking	3
7 Related documents	3
8 Ordering information	3
9 Certified test records	3
10 Additional information	3
11 Inspection requirements	3

1 Introduction

This British Standard shall be read and used in conjunction with Section 2 of BS 9610:1982 “*Quartz crystal units of assessed quality, generic data and methods of test*”, which gives the procedures for the preparation of detail specifications for quartz crystal units.

The object of the procedures given in Section 2 of BS 9610:1982 is to ensure that detail specifications for quartz crystal units are broadly similar as regards their subject matter and presentation.

2 Scope

This British Standard lists the ratings, characteristics, inspection requirements and supplementary information for quartz crystal units which shall be included as minimum mandatory requirements, in accordance with the procedures given in Section 2 of BS 9610:1982, in any detail specification for these devices. A complete detail specification, is therefore, a combination of the requirements of both documents. Its purpose is to describe fully the particular quartz crystal unit so that the detail specification can be used for contractual purposes in the procurement of quartz crystal units, for acceptance test purposes and for circuit design and equipment maintenance purposes.

3 Detail specification

The Blank Detail Specification which follows, when completed as appropriate (indicated by an asterisk *) will form the relevant detail specification.

NOTE 1 Separate detail specifications are required for solder sealed, cold welded, resistance welded and glass enclosures.

NOTE 2 Combinations of frequency tolerances and temperature ranges are given in Appendix E to BS 9610:1982. Where other variations are required application should be made to Technical Committee ECL/11 for additional specification codes.