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NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 166100:2002 sisaldab Euroopa standardi EN 166100:1998 ingliskeelset teksti.

Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

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Descriptors:

Surface acoustic wave (SAW) filters, capability approval, sectional specification, capability qualifying components (CQC), quality conformance inspection, test and measurement procedures

English version

Sectional Specification: Surface acoustic wave (SAW) filters

Spécification intermédiaire: Filtres à ondes acoustiques de surface (OAS) Rahmenspezifikation: Oberflächenwellen (OFW) Filter

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

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 49, Piezoelectric devices for frequency control and selection.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 166100 on 1998-01-01.

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) 1998-12-01

 latest date by which the national standards conflicting with the EN have to be withdrawn

(dow) 1998-12-01

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1 Scope

This sectional specification applies to surface acoustic wave (SAW) filters as custom built products or as standard catalogue items whose quality is assessed on the basis of capability approval.

It prescribes the preferred ratings and characteristics, with the appropriate tests and measuring methods contained in the generic specification EN 166 000, and gives the general performance requirements to be used in detail specifications for surface acoustic wave (SAW) filters.

The concept of preferred values is in general directly applicable to standard catalogue items but does not necessarily apply to custom built products.

2 General, preferred ratings and guidance on detail specifications

2.1 Related documents

IEC 68 Environmental testing

EN 166000 Generic specification: Surface acoustic wave (SAW) filters

EN 190000 Generic specification: Monolithic integrated circuits

CECC 00 016 Basic requirements for the use of statistical process control (SPC) in the CECC system

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 166 000 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 166 000.

2.3 Information to be prescribed in detail specifications

(for both custom built and standard catalogue items)

Guidance on the preparation of detail specifications is given in the blank detail specification

Each detail specification shall state all the tests and measurements required for inspection. For standard catalogue items 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.