INTERNATIONAL STANDARD

IEC 60938-2-2

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Fixed inductors for electromagnetic interference suppression –

Part 2-2:
Blank detail specification –
Inductors for which safety tests are required (only)

Inductances fixes d'antiparasitage –

Partie 2-2:
Spécification particulière cadre –
Inductances nécessitant des tests de sécurité (uniquement)

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International Electrotechnical Commission 3, rue de Varembé Geneva, Switzerland
Telefax: +41 22 919 0300 e-mail: inmail@iec.ch IEC web site http://www.iec.ch

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FIXED INDUCTORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION –

Part 2-2: Blank detail specification – Inductors for which safety tests are required (only)

FOREWORD

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International Standard IEC 60938-2-2 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

FDIS	Report on voting
40/1113/FDIS	40/1139/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

Annex A forms an integral part of this standard.

The committee has decided that this publication remains valid until 2005.

At this date, in accordance with the committee's decision, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

FIXED INDUCTORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION –

Part 2-2: Blank detail specification – Inductors for which safety tests are required (only)

INTRODUCTION

Blank detail specification

This blank detail specification forms the basis for a uniform procedure for a common mark. It implements the approval schedule for safety tests only in IEC 60938-2, requires a declaration of design for parameters relevant to safety tests and prescribes conformance tests to be conducted on every lot prior to its release and re-qualification tests depending on changes of the design.

In comparison with IEC 60938-2-1 which provides safety tests and performance tests, this specification is restricted to safety tests only.

The use of IEC 60938-2-1 may be more appropriate for components manufactured in mass production, whereas this specification may be necessary in those cases where approval and re-qualification tests contribute considerably to the costs of the product.

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. In the preparation of detail specifications the content of 1.4 of the sectional specification shall be taken into account.

The numbers between square brackets on the first page of the detail specification correspond to the following information which shall be inserted in the position indicated.

Identification of the detail specification and of the inductor

The first page of the detail specification should have the layout recommended on the next page of this blank detail specification.

[0] Manufacturer's name.

[0A] Manufacturer's style designation.

[1] The "International Electrotechnical Commission" or the National Standards Organisation under whose authority the detail specification is drafted.

[2] The IEC or National Standards number of the detail specification, date of issue and any further information required by the national system.

[3] The number and issue number of the IEC or national generic specification.

[4] The IEC number of the blank detail specification.

Identification of the inductor

[5] A short description of the inductor or range of inductors.

[6] Information on typical construction (when applicable).

[7] Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines. Alternatively, this drawing may be given in an annex to the detail specification, but should always contain an illustration of the general outer appearance of the inductor.

[8] Reference data on the most important properties, to allow comparison between the various inductor types intended for the same, or for similar applications.

<table>
<tr><td>[1]</td><td>IEC 60938-2-1XX [2]
QC XXXXXXXXXXXX</td></tr>
<tr><td rowspan="2">ELECTRONIC COMPONENTS OF ASSESSED QUALITY IN ACCORDANCE WITH:

[3]</td><td>IEC 60938-2-2 [4]
QC XXXXXX</td></tr>
<tr><td rowspan="3">FIXED INDUCTORS FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION FOR WHICH SAFETY TESTS ARE REQUIRED [5]</td></tr>
<tr><td rowspan="2">Outline drawing: (see table 1)
(... angle projection)

[7]
(Other shapes are permitted within the dimensions given)</td></tr>
<tr><td>[6]</td></tr>
<tr><td>Safety tests only [8]</td></tr>
<tr><td colspan="2">NOTES [1] to [9] see pages 3 and 4.</td></tr>
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