



BSI Standards Publication

Detail specification: Fixed low power wirewound surface mount (SMD) resistors — Rectangular — Stability classes 0,5; 1; 2

National foreword

This British Standard is the UK implementation of EN 140402-801:2015. It supersedes BS EN 140402-801:2005 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/40X, Capacitors and resistors for electronic equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

Detail specification: Fixed low power wirewound surface mount (SMD) resistors - Rectangular - Stability classes 0,5; 1; 2

Spécification particulière: Résistances fixes bobinées à faible dissipation pour montage en surface (CMS) - Rectangulaire - Catégories de stabilité 0,5; 1; 2

Bauartspezifikation: Oberflächenmontierbare drahtgewickelte Festwiderstände (SMD) niedriger Belastbarkeit - Rechteckig - Stabilitätsklassen 0,5; 1; 2

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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Foreword	4
1 Characteristics and ratings	6
1.1 General	6
1.2 Dimensions and ratings	6
1.3 Derating curve	7
1.4 Resistance range and tolerance on rated resistance	7
1.4.1 Level P	7
1.4.2 Level R	8
1.5 Variation of resistance with temperature and temperature rise	9
1.6 Climatic categories	10
1.7 Limits for change of resistance at tests	10
1.8 Non-linearity	12
1.9 Tests related to soldering	12
1.9.1 Severities for solderability testing	12
1.9.2 Severities for testing resistance to soldering heat	12
1.10 Marking, packaging and ordering designation	12
1.10.1 Marking of the component	12
1.10.2 Packaging	12
1.10.3 Marking of the packaging	12
1.10.4 Ordering information	12
1.11 Additional information (not for inspection purpose)	13
1.11.1 Storage	13
1.11.2 Mounting	13
1.11.3 Soldering process	13
1.11.4 Conductive gluing	14
1.11.5 Use of cleaning solvents	14
1.11.6 Pulse load capability	14
2 Quality assessment procedures	21
2.1 General	21
2.1.1 Zero defect approach	21
2.1.2 100 % Test	21
2.1.3 Certificate of Conformity (CoC)	21
2.1.4 Certified test records	22
2.1.5 Failure rate level	22
2.2 Qualification approval	22
2.2.1 General	22
2.2.2 Level P	22
2.2.3 Level R	22
2.3 Quality conformance inspection	22
2.3.1 General	22
2.3.2 Qualification approval according to QC 001002-3:2005, Clause 3	23
2.3.3 Technology approval according to QC 001002-3:2005, Clause 6	23
2.3.4 Non-conforming items	23
Annex A (normative) Fixed sample size Qualification Approval and Quality Conformance Inspection test schedule for fixed low power wire wound SMD resistors	24
Annex B (informative) Letter symbols and abbreviations	34

B.1 Letter symbols	34
B.2 Abbreviations	35
Annex C (normative) Normative references	36
Annex D (normative) Mounting of components	37
D.1 Layout for mechanical tests	37
D.2 Layout for electrical test	38
Bibliography	39

Foreword

This document (EN 140402-801:2015) has been prepared by CLC/TC 40XB "Resistors".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-12-15
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2017-12-15

This European Standard supersedes EN 140402-801:2005.

Preceding document on the subject covered by this specification has been:

- CECC 40 402-801:2000-02.

EN 140402-801:2015 includes the following significant technical changes with respect to EN 140402-801:2005:

- adoption of P_{70} as the rated dissipation, leaving the prior used P_{25} as an additional information;
- for style RW1607M, increase of P_{70} to 2,4 W, with $P_{25} = 3,0$ W;
- introduction of a test on the resistance to electrostatic discharge (ESD) in 1.7 and Annex A;
- introduction of code letters for the temperature coefficient (TCR) as in EN 60062:2005;
- revision of ordering information in 1.10.4;
- adoption of the IECQ rules of procedure according to QC 001002-3:2005;
- revision of the sample quantities and the sequence of tests in Annex A;
- editorial revision.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This specification is part of a series of documents describing fixed low power wire wound surface mount (SMD) resistors as follows:

- EN 60115-1, *Fixed resistors for use in electronic equipment — Part 1: Generic specification (IEC 60115-1, modified)*
- EN 60115-8, *Fixed resistors for use in electronic equipment — Part 8: Sectional specification — Fixed surface mount resistors (IEC 60116-8, modified)*
- This detail specification.

Any detail specification within this series is written on the basis of

- EN 140402, *Blank Detail Specification: Fixed low power wirewound surface mount (SMD) resistors.*