

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 5-502: General test methods for materials and assemblies - Surface insulation resistance (SIR) testing of assemblies

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 61189-5-502:2021 sisaldab Euroopa standardi EN IEC 61189-5-502:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 61189-5-502:2021 consists of the English text of the European standard EN IEC 61189-5-502:2021.
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English Version

Test methods for electrical materials, printed board and other
interconnection structures and assemblies - Part 5-502: General
test methods for materials and assemblies - Surface insulation
resistance (SIR) testing of assemblies
(IEC 61189-5-502:2021)

Méthodes d'essai pour les matériaux électriques, les cartes
imprimées et autres structures d'interconnexion et
ensembles - Partie 5-502: Méthodes d'essai générales pour
les matériaux et les ensembles - Essais de résistance
d'isolement en surface (RIS) des ensembles
(IEC 61189-5-502:2021)

Prüfverfahren für Elektromaterialien, Leiterplatten und
andere Verbindungsstrukturen und Baugruppen - Teil 5-
502: Allgemeine Prüfverfahren für Materialien und
Baugruppen - Prüfung des
Oberflächenisolationswiderstands (SIR) von Baugruppen
(IEC 61189-5-502:2021)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 91/1646/CDV, future edition 1 of IEC 61189-5-502, prepared by IEC/TC 91 "Electronics assembly technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61189-5-502:2021.

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-12-10
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-03-10

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61189-1	NOTE	Harmonized as EN 61189-1
IEC 61189-3	NOTE	Harmonized as EN 61189-3
IEC 61189-5 (series)	NOTE	Harmonized as EN IEC 61189-5 (series)
IEC 61189-6	NOTE	Harmonized as EN 61189-6
IEC 61190-1-1	NOTE	Harmonized as EN 61190-1-1
IEC 61190-1-2	NOTE	Harmonized as EN 61190-1-2
IEC 61249-2-7	NOTE	Harmonized as EN 61249-2-7
IEC 62137-4:2014	NOTE	Harmonized as EN 62137-4:2014 (not modified)
ISO 9001	NOTE	Harmonized as EN ISO 9001
ISO 9455-1	NOTE	Harmonized as EN 29455-1
ISO 9455-2	NOTE	Harmonized as EN ISO 9455-2

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60068-2-20	-	Environmental testing - Part 2-20: Tests - Test T: Test methods for solderability and resistance to soldering heat of devices with leads	EN 60068-2-20	-
IEC 60068-2-58	-	Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)	EN 60068-2-58	-
IEC 60068-2-67	-	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components	EN 60068-2-67	-
IEC 60068-2-78	-	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	-
IEC 60194	-	Printed board design, manufacture and assembly - Terms and definitions	-	-
IEC 61190-1-3	-	Attachment materials for electronic assembly - Part 1-3: Requirements for electronic grade solder alloys and fluxed and non-fluxed solid solder for electronic soldering applications	EN IEC 61190-1-3	-



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Part 5-502: General test methods for materials and assemblies – Surface Insulation Resistance (SIR) testing of assemblies

Méthodes d'essai pour les matériaux électriques, les cartes imprimées et autres structures d'interconnexion et ensembles –

Partie 5-502: Méthodes d'essai générales pour les matériaux et les ensembles – Essais de résistance d'isolement en surface (RIS) des ensembles





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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TEST METHODS FOR ELECTRICAL MATERIALS, PRINTED BOARD AND OTHER INTERCONNECTION STRUCTURES AND ASSEMBLIES –**Part 5-502: General test methods for materials and assemblies – Surface Insulation Resistance (SIR) testing of assemblies****FOREWORD**

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