



**NSAI**  
Standards

Irish Standard  
I.S. EN 61189-2-719:2016

Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-719: Test methods for materials for interconnection structures - Relative permittivity and loss tangent (500 MHz to 10 GHz)

**I.S. EN 61189-2-719:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

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NSAI  
1 Swift Square,  
Northwood, Santry  
Dublin 9

T +353 1 807 3800  
F +353 1 807 3838  
E standards@nsai.ie  
W NSAI.ie

Sales:  
T +353 1 857 6730  
F +353 1 857 6729  
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN 61189-2-719:2016 is the adopted Irish version of the European Document EN 61189-2-719:2016, Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-719: Test methods for materials for interconnection structures - Relative permittivity and loss tangent (500 MHz to 10 GHz)

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EUROPEAN STANDARD

**EN 61189-2-719**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2016

ICS 31.180

English Version

**Test methods for electrical materials, printed boards and other  
interconnection structures and assemblies -  
Part 2-719: Test methods for materials for interconnection  
structures - Relative permittivity and loss tangent (500 MHz to 10  
GHz)  
(IEC 61189-2-719:2016)**

Méthode d'essai pour les matériaux électriques, les cartes  
imprimées et autres structures d'interconnexion et  
ensembles - Partie 2-719: Méthodes d'essai des matériaux  
pour structures d'interconnexion - Permittivité relative et  
tangente de perte (500 MHz à 10 GHz)  
(IEC 61189-2-719:2016)

Prüfverfahren für Elektromaterialien, Leiterplatten und  
andere Verbindungsstrukturen und Baugruppen -  
Teil 2-719: Prüfverfahren für Materialien von  
Verbindungsstrukturen - Relative Permittivität und  
Verlustfaktor (500 MHz bis 10 GHz)  
(IEC 61189-2-719:2016)

This European Standard was approved by CENELEC on 2016-08-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

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

## **EN 61189-2-719:2016**

### **European foreword**

The text of document 91/1366/FDIS, future edition 1 of IEC 61189-2-719, prepared by IEC/TC 91 "Electronics assembly technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61189-2-719:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-05-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-08-16

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