

STN	Skúšobné metódy na elektrotechnické materiály, dosky s plošnými spojmi a iné spájacie štruktúry a zostavy Časť 2-804: Skúšobné metódy pre čas do delaminácie - T260, T288, T300	STN EN IEC 61189-2-804 34 6513
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Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-804: Test methods for time to delamination - T260, T288, T300

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/23

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EUROPEAN STANDARD

EN IEC 61189-2-804

NORME EUROPÉENNE

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English Version

Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-804: Test methods for time to delamination - T260, T288, T300
(IEC 61189-2-804:2023)

Méthodes d'essai pour les matériaux électriques, les cartes imprimées et autres structures d'interconnexion et ensembles - Partie 2-804: Méthodes d'essai pour le temps de décollement interlaminaire - T260, T288, T300
(IEC 61189-2-804:2023)

Prüfverfahren für Elektromaterialien, Leiterplatten und andere Verbindungsstrukturen und Baugruppen - Teil 2-804: Prüfverfahren für die Zeit bis zur Delaminierung - T260, T288, T300
(IEC 61189-2-804:2023)

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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

EN IEC 61189-2-804:2023 (E)**European foreword**

The text of document 91/1874/FDIS, future edition 1 of IEC 61189-2-804, prepared by IEC/TC 91 "Electronics assembly technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61189-2-804:2023.

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) 2024-06-29
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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60194-1	-	Printed boards design, manufacture and assembly - Vocabulary - Part 1: Common usage in printed board and electronic assembly technologies	-	-



IEC 61189-2-804

Edition 1.0 2023-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Test methods for electrical materials, printed board and other interconnection structures and assemblies –

Part 2-804: Test methods for time to delamination – T260, T288, T300

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

Partie 2-804: Méthodes d'essai pour le temps de décollement interlaminaire – T260, T288, T300



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Edition 1.0 2023-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Test methods for electrical materials, printed board and other interconnection structures and assemblies –
Part 2-804: Test methods for time to delamination – T260, T288, T300**

**Méthodes d'essai pour les matériaux électriques, les cartes imprimées et autres structures d'interconnexion et ensembles –
Partie 2-804: Méthodes d'essai pour le temps de décollement interlaminaire –
T260, T288, T300**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TEST METHODS FOR ELECTRICAL MATERIALS, PRINTED BOARDS AND
OTHER INTERCONNECTION STRUCTURES AND ASSEMBLIES –****Part 2-804: Test methods for time to delamination – T260, T288, T300**

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IEC 61189-2-804 has been prepared by IEC technical committee TC 91: Electronics assembly technology. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
91/1874/FDIS	91/1894/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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- withdrawn,
- replaced by a revised edition, or
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TEST METHODS FOR ELECTRICAL MATERIALS, PRINTED BOARDS AND OTHER INTERCONNECTION STRUCTURES AND ASSEMBLIES –

Part 2-804: Test methods for time to delamination – T260, T288, T300

1 Scope

This part of IEC 61189 specifies a test method to determine the time to delamination of base materials and printed boards using a thermomechanical analyser (TMA). Temperatures used for this evaluation are typically 260 °C, 288 °C and 300 °C, but are not limited to these values.

2 Normative references

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.

IEC 60194-1, *Printed board design, manufacture and assembly – Vocabulary – Part 1: Common usage in printed board and electronic assembly technologies*

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