



**SLOVENSKI STANDARD
SIST EN 2591-514:2004**

01-maj-2004

Aerospace series - Elements of electrical and optical connection - Test methods - Part 514: Solderability of contacts with self-contained solder and flux

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Luft- und Raumfahrt - Elektrische und optische Verbindungselemente - Prüfverfahren - Teil 514: Lötbarkeit von Kontakten mit eingearbeitetem Lot und Flussmittel

Série aérospatiale - Organes de connexion électrique et optique - Méthodes d'essais - Partie 514: Soudabilité des contacts avec soudure et flux incorporés

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Ta slovenski standard je istoveten z: EN 2591-514:2002

ICS:

49.060 Štejni in optični elementi za povezavo električnih in optičnih naprav v letalski in vesoljski opremi in sistemih
Aerospace electric equipment and systems

SIST EN 2591-514:2004

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 2591-514

June 2002

ICS 49.060

English version

**Aerospace series - Elements of electrical and optical connection
- Test methods - Part 514: Solderability of contacts with self-
contained solder and flux**

Série aérospatiale - Organes de connexion électrique et
optique - Méthodes d'essais - Partie 514: Soudabilité des
contacts avec soudure et flux incorporés

Luft- und Raumfahrt - Elektrische und optische
Verbindungselemente - Prüfverfahren - Teil 514: Lötbarkeit
von Kontakten mit eingearbeitetem Löt- und Flußmittel

This European Standard was approved by CEN on 8 February 2002.

CEN 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 Management Centre or to any CEN 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 CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN 2591-514:2002) has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2002, and conflicting national standards shall be withdrawn at the latest by December 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom

1 Scope

This standard specifies a method of verifying solderability of contacts with self-contained solder and flux, which are not accessible to a solder iron.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 2591-101 Aerospace series – Elements of electrical and optical connection – Test methods – Part 101: Visual examination

3 Preparation of specimens

The specimens shall be as supplied in their original package.

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4 Test method

(standards.iteh.ai)

4.1 Test

[SIST EN 2591-514:2004](https://standards.iteh.ai/catalog/standards/sist/a4ac342a-bdde-47c7-9920-2550a3c13609/sist-en-2591-514-2004)

Apply heat as recommended in the installation procedure, except that no cable shall be introduced into the contact.

4.2 Requirement

Visual examination (test EN 2591-101) with naked eye or $\times 4$ max. magnifying class.

The solder shall have wet the contact area: the solder shall form a relatively uniform film adherent to the base material.

It may be necessary to carefully cut open the contact to check the solder area.

5 Details to be specified

None