SLOVENSKI STANDARD
SIST EN 3682-009:2009

01-julij-2009

Aeronavtika - Konektorji, vtiļ in vtiļ nica, električ ni, pravokotni, zamenljivi tip, s stojalom in ploģļ o, s stalno delovno temperaturo do 150 ÁC - 009. del: Vtiļ , velikost 4 - Standard za proizvod

Aerospace series - Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous - Part 009: Size 4 plug - Product standard

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder, freie und feste Bauform, auswechselbare Isolierkörper, Gestell-Einschubsteckverbinder, Betriebstemperatur 150 °C konstant - Teil 009: Freier Steckverbinder Größe 4 - Produktnorm

Série aérospatiale - Connecteurs électriques rectangulaires rackables, fiches et embases, à inserts interchangeables, température d'utilisation 150 °C continu - Partie 009 : Boîtier mâle taille 4 - Norme de produit

Ta slovenski standard je istoveten z: **EN 3682-009:2006**

ICS:

49.060	Letalska in vesoljska električ na oprema in sistemi	Aerospace electric equipment and systems

SIST EN 3682-009:2009 **en,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3682-009

July 2006

ICS 49.060

English Version

Aerospace series - Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous - Part 009: Size 4 plug - Product standard

Série aérospatiale - Connecteurs électriques rectangulaires rackables, fiches et embases, à inserts interchangeables, température d'utilisation 150 °C continu - Partie 009 : Boîtier mâle taille 4 - Norme de produit

Luft- und Raumfahrt - Elektrische Rechtecksteckverbinder, freie und feste Bauform, auswechselbare Isolierkörper, Gestell-Einschubsteckverbinder, Betriebstemperatur 150 °C konstant - Teil 009: Fester Steckverbinder Größe 4 - Produktnorm

This European Standard was approved by CEN on 16 March 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

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

Ref. No. EN 3682-009:2006: E

Contents

Page

Foreword

This European Standard (EN 3682-009:2006) has been prepared by the AeroSpace and Defense Industries Association of Europe - Standardization (ASD-STAN).

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 ASD, 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 January 2007, and conflicting national standards shall be withdrawn at the latest by January 2007.

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

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

1 Scope

This standard defines the size 4 plug used in the family of rectangular electrical connectors for rack to panel, with interchangeable inserts.

The receptacle corresponding to this plug is defined in EN 3682-008.

2 Normative references

The following referenced documents are indispensable for the application 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.

EN 3682-001, *Aerospace series — Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous — Part 001: Technical specification* [1)]

EN 3682-002, *Aerospace series — Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous — Part 002: Specification of performance and contact arrangements*[1)]

EN 3682-008, *Aerospace series — Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous — Part 008: Size 4 receptacle — Product standard*[1)]

ISO 263, *ISO inch screw threads — General plan and selection for screws, bolts and nuts — Diameter range 0,06 to 6 in*

3 Terminology

See EN 3682-001.

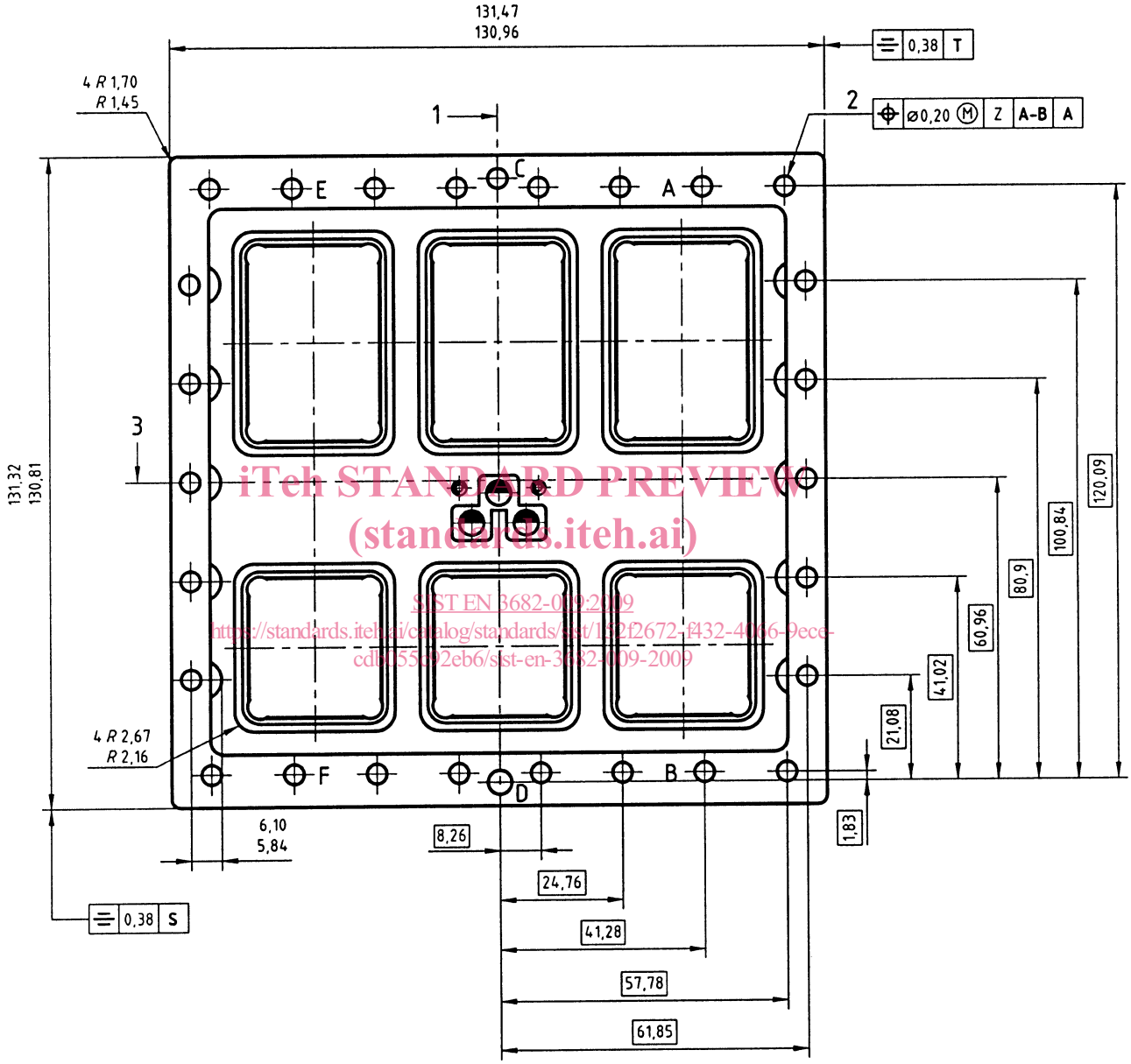
1) Published as ASD Prestandard at the date of publication of this standard.

4 Requirements

4.1 Dimensions

See Figures 1 to 5.

Dimensions in millimetres



Key

1 Axis of T see

2 26 holes diameter 3,96
diameter 3,71

3 Axis of S see

NOTE See EN 3682-001 Tables 5, 6 and 7 for S and T references.

Figure 1

Dimensions in millimetres

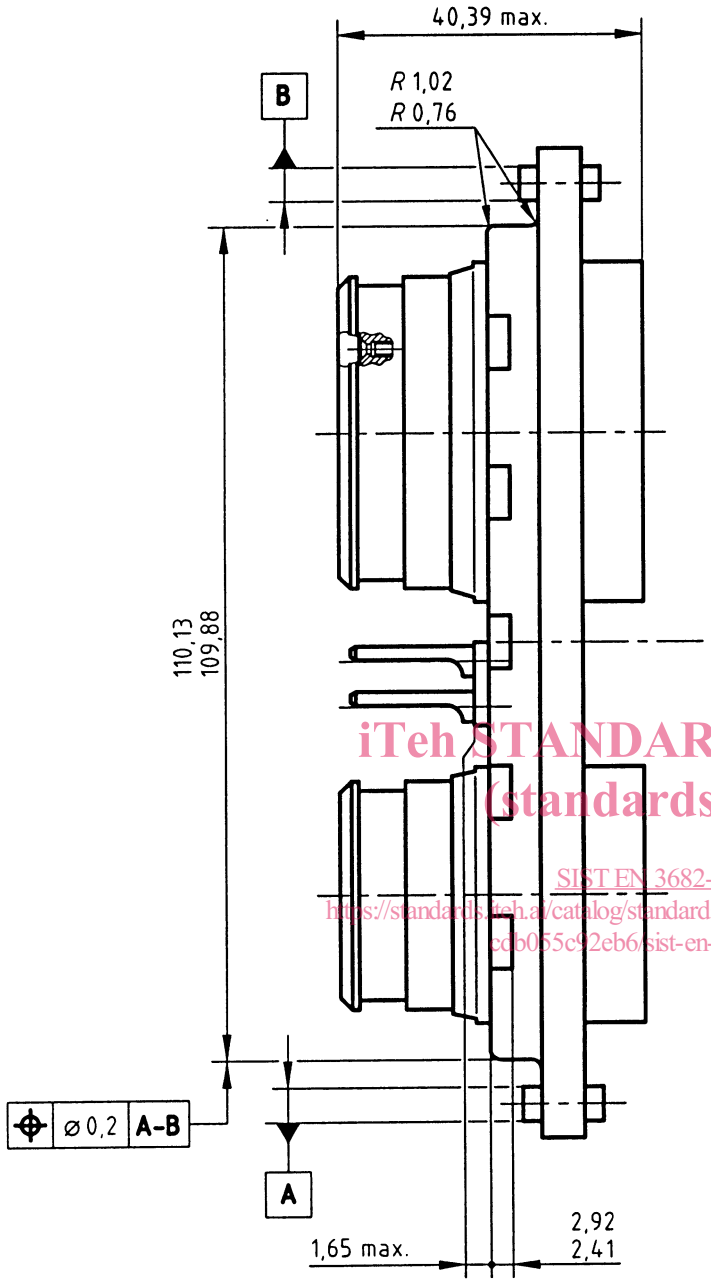


Figure 2

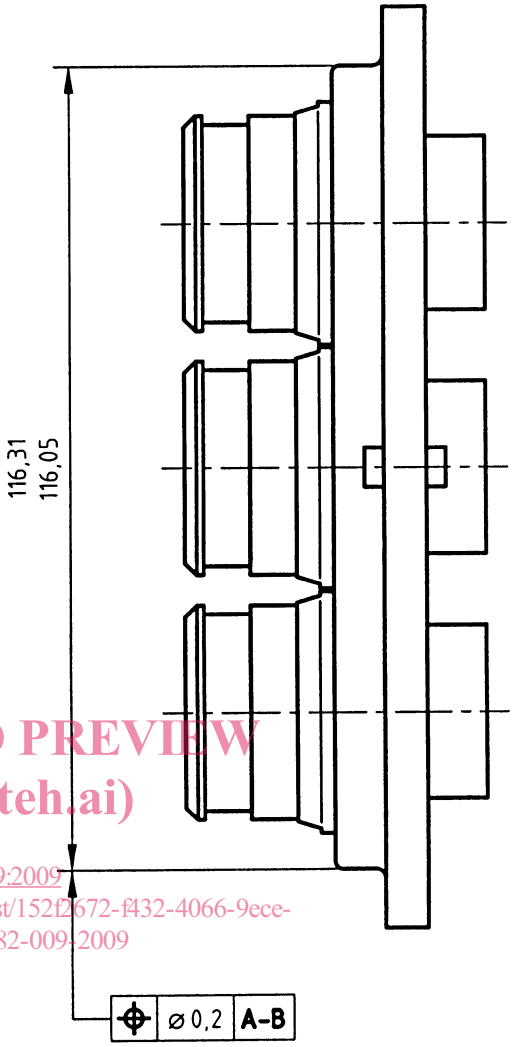
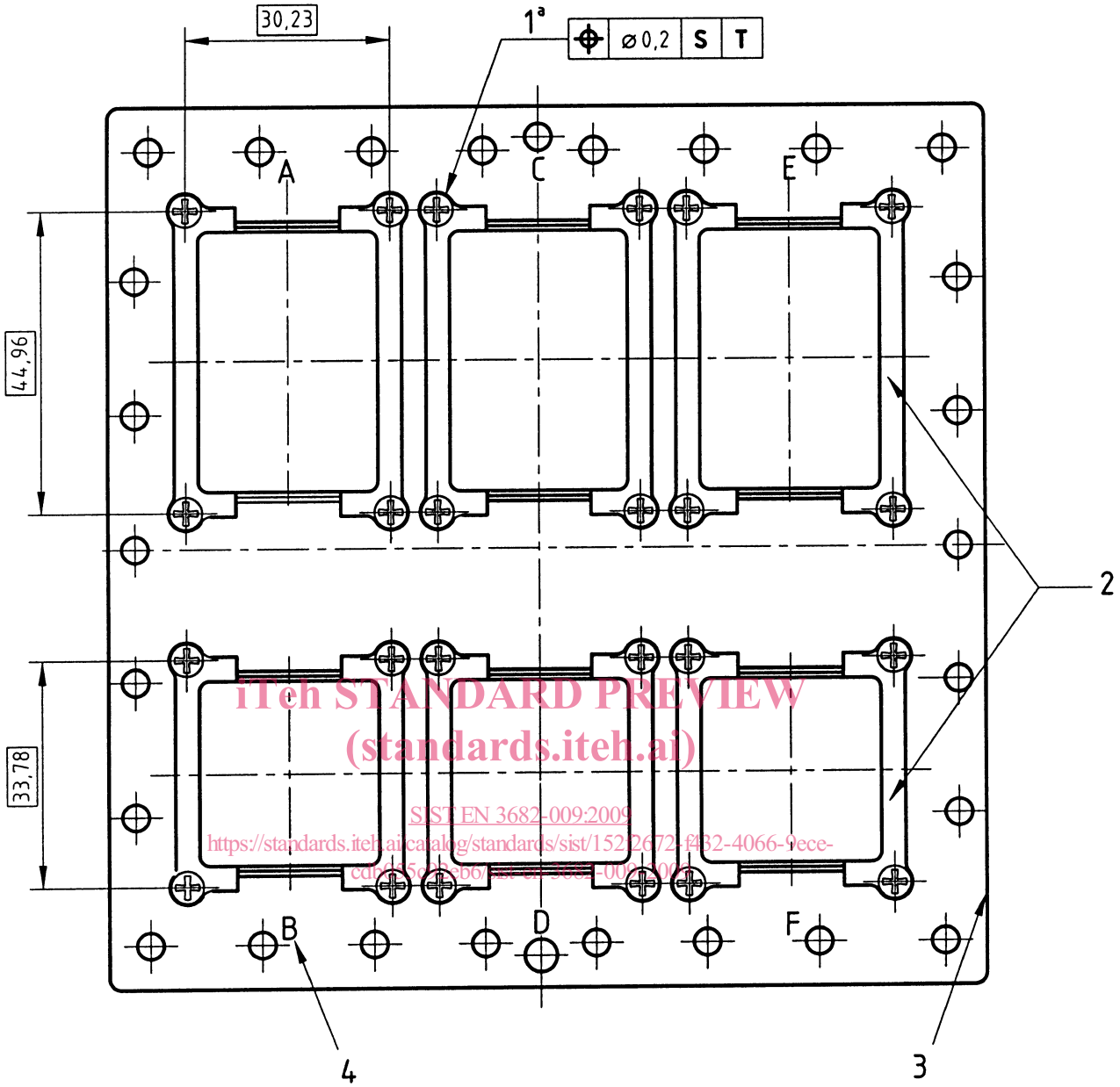


Figure 3



Key

1 24 Philips screws 4-40 UNC 2A
2 Insert retention device
3 Marking of trademark of manufacture and part number on right or left of the flange
4 Cavities identification on the front and the rear of the flange

[a] See ISO 263.

NOTE See EN 3682-001 Tables 5, 6 and 7 for S and T references.

Figure 4