

SLOVENSKI STANDARD

SIST EN 3682-005:2009

01-julij-2009

Aeronavtika - Konektorji, vtič in vtičnica, električni, pravokotni, zamenljivi tip, s stojalom in ploščo, s stalno delovno temperaturo do 150 °C - 005. del: Vtič, velikost 2 - Standard za proizvod

Aerospace series - Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous - Part 005: Size 2 plug - Product standard

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder, freie und feste Bauform, auswechselbare Isolierkörper, Gestell-Einschubsteckverbinder, Betriebstemperatur 150 °C konstant - Teil 005: Stecker Größe 2 - Produktnorm

[SIST EN 3682-005:2009](https://standards.iteh.ai/catalog/standards/sist/289da4ab-a470-4317-9343-3682-005-2009)

Série aérospatiale - Connecteurs électriques rectangulaires rackables, fiches et embases, à inserts interchangeables, température d'utilisation 150 °C continu - Partie 005: Boîtier mâle taille 2 - Norme de produit

Ta slovenski standard je istoveten z: EN 3682-005:2006

ICS:

49.060

Letalska in vesoljska
električna oprema in sistemi

Aerospace electric
equipment and systems

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en,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3682-005

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 005: Size 2 plug - Product
standard**

Série aérospatiale - Connecteurs électriques rectangulaires
rackables, fiches et embases, à inserts interchangeables,
température d'utilisation 150 °C continu - Partie 005 :
Boîtier mâle taille 2 - Norme de produit

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder,
freie und feste Bauform, auswechselbare Isolierkörper,
Gestell-Einschubsteckverbinder, Betriebstemperatur 150 °C
konstant - Teil 005: Stecker Größe 2 - 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.

[SIST EN 3682-005:2009](https://standards.iteh.ai/catalog/standards/sist/289da6eb-e470-4317-9343-115712111111/en-3682-005:2006)

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.



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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terminology	4
4 Required characteristics	5
5 Designation	9
6 Marking	9
7 Technical specification	9

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Foreword

This European Standard (EN 3682-005:2006) 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.

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EN 3682-005:2006 (E)**1 Scope**

This standard defines the size 2 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 3682-004.

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.

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

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*

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*

EN 3682-004, *Aerospace series — Connectors, plug and receptacle, electrical, rectangular, interchangeable insert type, rack to panel, operating temperature 150 °C continuous — Part 004: Size 2 receptacle — Product standard*

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3 Terminology

See EN 3682-001.

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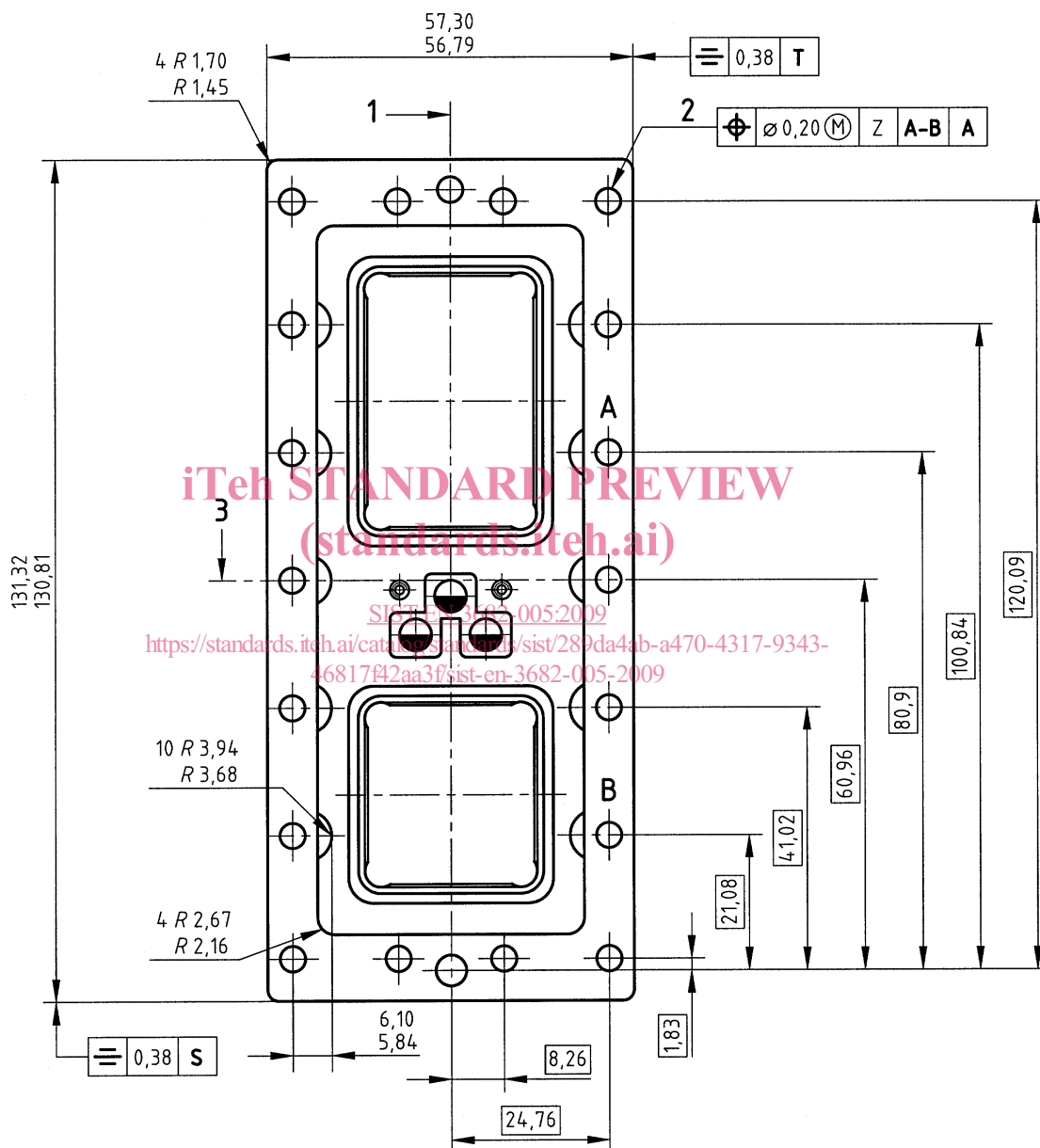
<https://standards.iteh.ai/catalog/standards/sist/289da4ab-a470-4317-9343-46817f42aa3f/sist-en-3682-005-2009>

4 Required characteristics

4.1 Dimensions

See Figures 1 to 3.

Dimensions are in millimetres.



Key

- 1 axis of **T** see note
- 2 18 holes diameter 3,96
diameter 3,71
- 3 axis of **S** see note

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

Figure 1

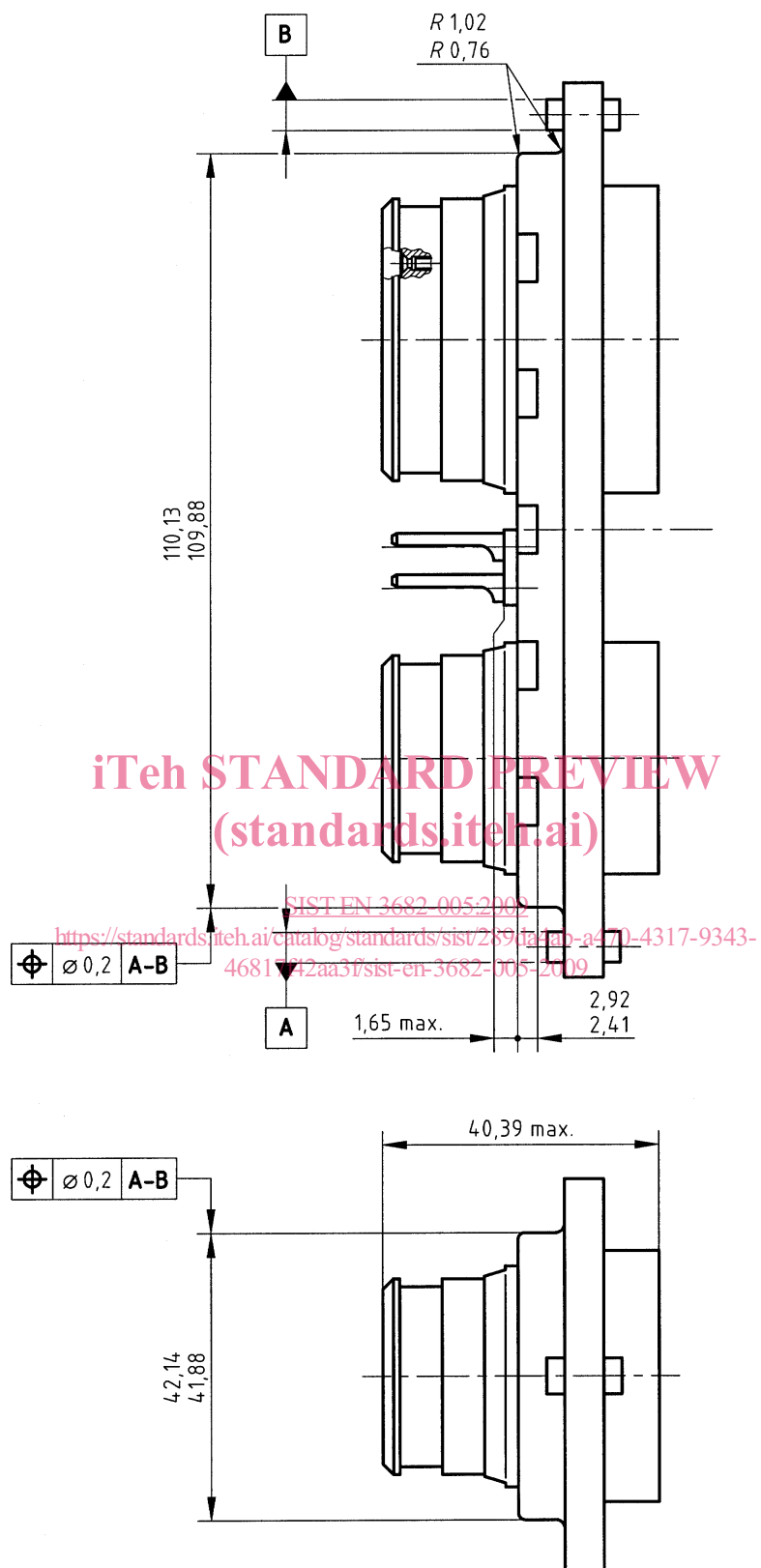
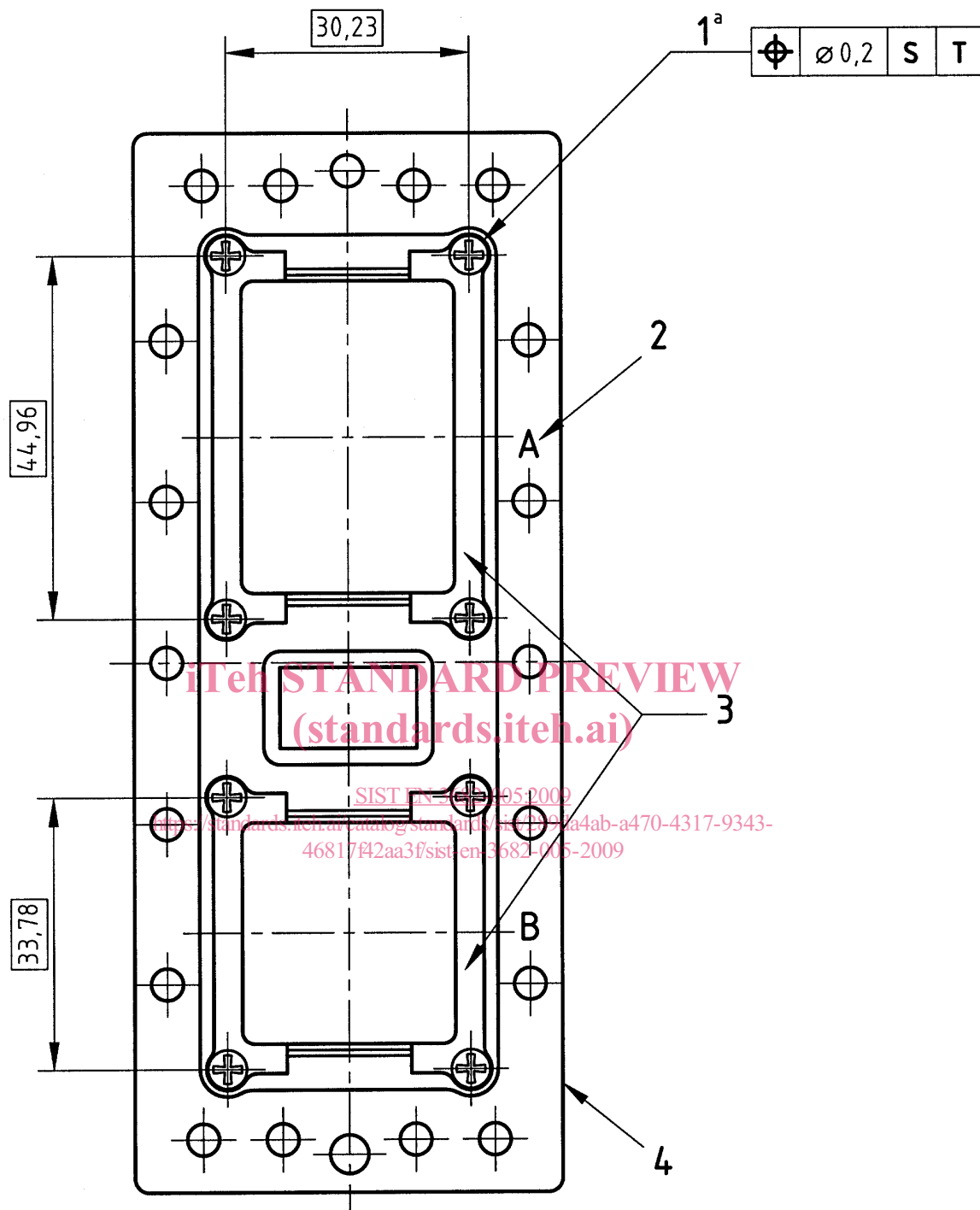


Figure 2



Key

- 1 8 Philips screw 4-40 UNC 2A
- 2 cavities identification on the front and the rear of the flange
- 3 insert retention device
- 4 marking of trademark of manufacture and part number on right or left of the flange

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

^a See ISO 263.

Figure 3