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**Aeronavtika - Konektorji, optil' ni, pravokotni, modularni, vel' kontaktni, premer kapice 1,25, s snemljivo centrirno puĝo - 005. del: Snemljiva centrirna puĝa - Standard za proizvod**

Aerospace series - Connectors, optical, rectangular, modular, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder - Part 005: Removable alignment sleeve holder - Product standard

Luft- und Raumfahrt - Optischer Rechtecksteckverbinder, modular, Mehrfachkontakt, Ferrulendurchmesser 1,25 mm, demontierbarer Zentrierhülsenhafter - Teil 005: Demontierbarer Zentrierhülsenhafter - Produktnorm

[SIST EN 4639-005:2009](https://standards.iteh.ai/catalog/standards/sist/1b2c9fc8-4d0d-4f2d-9603-1a0b00000000/sist-en-4639-005-2009)

Série aérospatiale - Connecteurs optiques rectangulaires, modulaires multicontacts, férule 1,25, équipé d'un porte sleeve démontable - Partie 005 : Porte sleeve démontable - Norme de produit

**Ta slovenski standard je istoveten z: EN 4639-005:2007**

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**ICS:**

49.060

Letalska in vesoljska  
elektril' na oprema in sistemi

Aerospace electric  
equipment and systems

**SIST EN 4639-005:2009**

**en,de**

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EUROPEAN STANDARD

EN 4639-005

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2007

ICS 49.060

English Version

Aerospace series - Connectors, optical, rectangular, modular,  
multicontact, 1,25 diameter ferrule, with removable alignment  
sleeve holder - Part 005: Removable alignment sleeve holder -  
Product standard

Série aérospatiale - Connecteurs optiques rectangulaires,  
modulaires multivoies, ferrule 1,25, équipé d'un porte sleeve  
démontable - Partie 005 : Porte sleeve démontable -  
Norme de produit

Luft- und Raumfahrt - Optischer Rechtecksteckverbinder,  
modular, Mehrfachkontakt, Ferrulendurchmesser 1,25 mm,  
demontierbarer Zentrierhülsenhafter - Teil 005:  
Demontierbarer Zentrierhülsenhafter - Produktnorm

This European Standard was approved by CEN on 21 June 2007.

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 CEN 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 CEN Management Centre has the same status as the official versions.

<https://standards.iteh.ai/catalog/standards/sist/1b2e9f68-4d0d-4d2d-9603-3a752b0481b5/en-4639-005-2007>

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## Foreword

This document (EN 4639-005:2007) has been prepared by the Aerospace and Defence 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 May 2008, and conflicting national standards shall be withdrawn at the latest by May 2008.

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, Bulgaria, 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 4639-005:2007 (E)

## 1 Scope

This standard specifies the characteristics of removable alignment sleeve holder for a female optical module for rectangular modular multipin connectors.

## 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 2424, *Aerospace series — Marking of aerospace products.*

EN 4639-001, *Aerospace series — Connectors, optical, rectangular, modular, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder — Part 001: Technical specification.* <sup>1)</sup>

EN 4639-002, *Aerospace series — Connectors, optical, rectangular, modular, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder — Part 002: List of product standards.* <sup>1)</sup>

EN 4639-004, *Aerospace series — Connectors, optical, rectangular, modular, multicontact, 1,25 diameter ferrule, with removable alignment sleeve holder — Part 004: Female optical module — Product standard.*

EN 4644-001, *Aerospace series — Connector, electrical, rectangular, modular, rectangular inserts — Operating temperature 175 °C continuous — Part 001: Technical specification.* <sup>2)</sup>

## 3 Terms and definitions

[SIST EN 4639-005:2009](https://standards.iteh.ai/catalog/standards/sist/1b2c9fc8-4d0d-4f2d-9603-7a6304040000/sist-en-4639-005-2009)

<https://standards.iteh.ai/catalog/standards/sist/1b2c9fc8-4d0d-4f2d-9603-7a6304040000/sist-en-4639-005-2009>

For the purposes of this document, the terms and definitions given in EN 4639-001 apply.

## 4 Required characteristics

### 4.1 General

The removable sleeve holder must be assembled into the female insert as specified in EN 4639-004.

### 4.2 Dimensions – Removable alignment sleeve holder

See Figure 1, dimensions in millimetres.

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

2) In preparation at the date of publication of this standard.

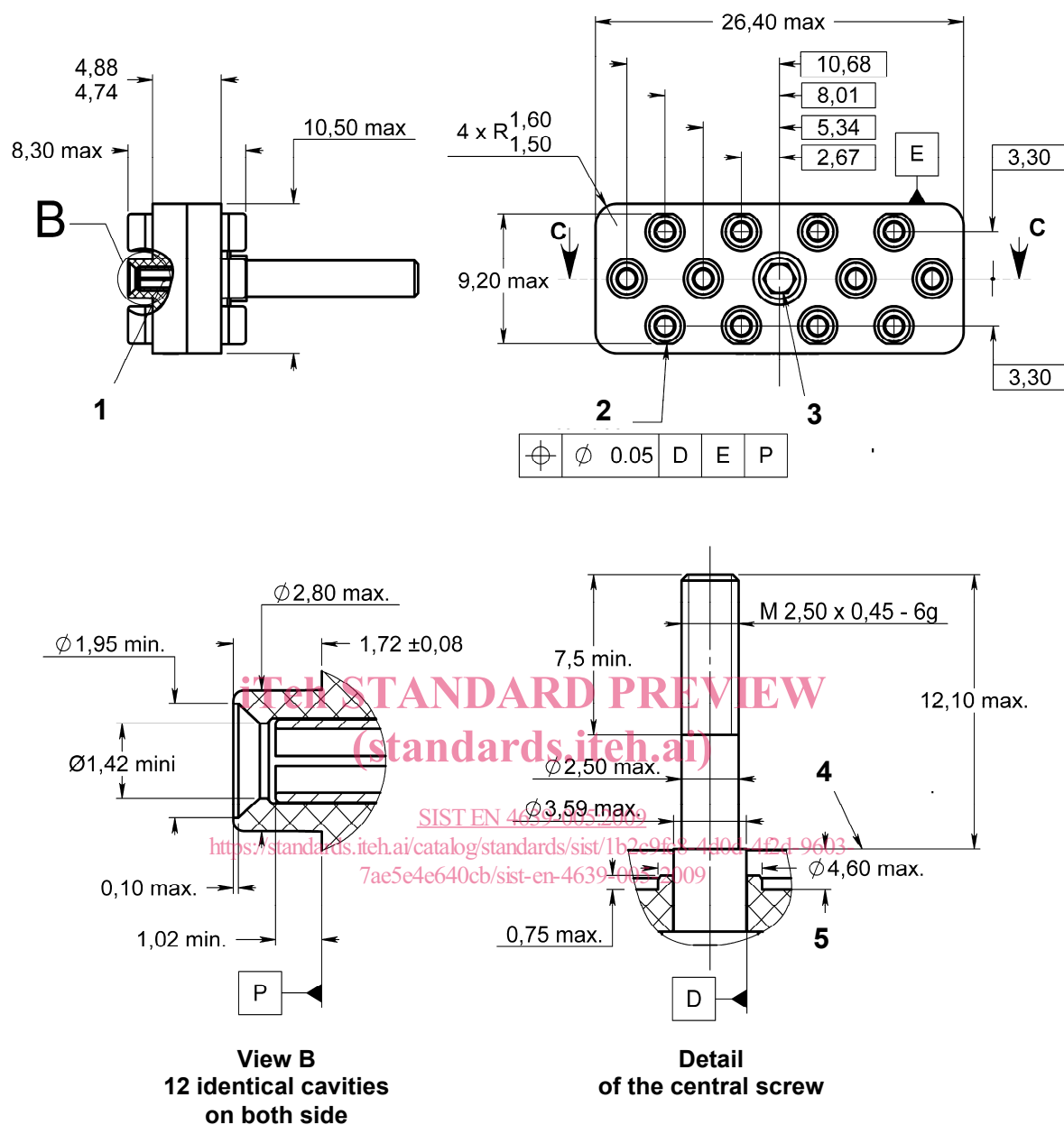


Figure 1

#### 4.3 Material and surface treatment

See EN 4644-001.

#### 4.4 Optical, mechanical and climatic characteristics

See EN 4639-002.

**EN 4639-005:2007 (E)****5 Designation**

EXAMPLE

| Description block                              | Identity block   |
|------------------------------------------------|------------------|
| CONNECTOR, OPTICAL                             | EN4639-005EF1201 |
| Number of the basic standard                   |                  |
| Removable sleeve holder                        |                  |
| Arrangement code (see EN 4639-002)             |                  |
| Material of alignment sleeve (see EN 4639-002) |                  |

**6 Marking**

The marking shall include the identification, the date of manufacture (year, week) and the name or trade mark of the manufacturer or conform to standard EN 2424, code P, if required.

**7 Technical specification**

See optical contact product standard. <sup>3)</sup>

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<sup>3)</sup> Performance is directly linked to optical contact and fibre technology.