

5 YfcbUj h_U! ?cbY_lcf jZY_Y_kf] b]žc_fc[`]žnUý]hYb]_cbhU_lžn`VU`cbYfb]a
g`Ud`Ub`Ya žghUbuXYcj bUHyA dYfUhi fUa YX!*) `š7 `]b`%+) `š7 `U]`&\$\$ `š7 `!`\$\$) "XY.
DcX`U] UŽ\ Yfa Yh] bUŽn`c_fc[`cžj Uf`Ybc`U]`gdU^_Ubc`df]fcVb]Vč`!`GHUbXUfX`nU
dfc]nj cX

Aerospace series - Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures - 65 °C to 175 °C or 200 °C continuous - Part 005: Receptacle, hermetic, round flange, solder mounting - Product standard

ITeH STANDARD PREVIEW
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Luft- und Raumfahrt - Elektrische Rundsteckverbinder, kontaktgeschützt, Bajonettkupplung, Betriebstemperatur - 65 °C bis 175 °C oder 200 °C konstant - Teil 005: Hermetischer fester Steckverbinder mit rundem Schweiß- oder Lötflansch – Produktnorm

Série aérospatiale - Connecteurs électriques circulaires scoop-proof à accouplement par baïonnettes température d'utilisation - 65 °C à 175 °C ou 200 °C continu - Partie 005 : Embase hermétique à collerette ronde fixée par soudure - Norme de produit

Ta slovenski standard je istoveten z: EN 3372-005:2007

ICS:

49.060 Š^cp \ aš Ā^• [|b \ æ Aerospace electric
^|\ dā } aš] !^ { aš Ā ã c { ã equipment and systems

SIST EN 3372-005:2009

en,de

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EUROPEAN STANDARD

EN 3372-005

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2007

ICS 49.060

English Version

Aerospace series - Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures - 65 °C to 175 °C or 200 °C continuous - Part 005: Receptacle, hermetic, round flange, solder mounting - Product standard

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This European Standard was approved by CEN on 24 June 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 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.

CEN members are the national standards bodies of 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 United Kingdom.



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Foreword

This document (EN 3372-005:2007) 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 January 2008, and conflicting national standards shall be withdrawn at the latest by January 2008.

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 3372-005:2007 (E)**1 Scope**

This standard specifies the characteristics of hermetic receptacles with round flange attached by soldering in the family of circular electrical connectors coupled by bayonet ring.

It applies to class defined in Table 3.

For plugs and protective covers, see EN 3372-008 and EN 3372-006 respectively.

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 3372-001, *Aerospace series — Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures –65 °C to 175 °C or 200 °C continuous — Part 001: Technical specification*

EN 3372-002, *Aerospace series — Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures –65 °C to 175 °C or 200 °C continuous — Part 002: Specification of performance and contact arrangements*

EN 3372-006, *Aerospace series — Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures –65 °C to 175 °C or 200 °C continuous — Part 006: Protective cover for receptacle — Product standard*

EN 3372-008, *Aerospace series — Connectors, electrical, circular, medium and high contact density, scoop-proof with bayonet coupling, operating temperatures –65 °C to 175 °C or 200 °C continuous — Part 009: Free plug with grounding spring — Product standard*

3 Terms and definitions

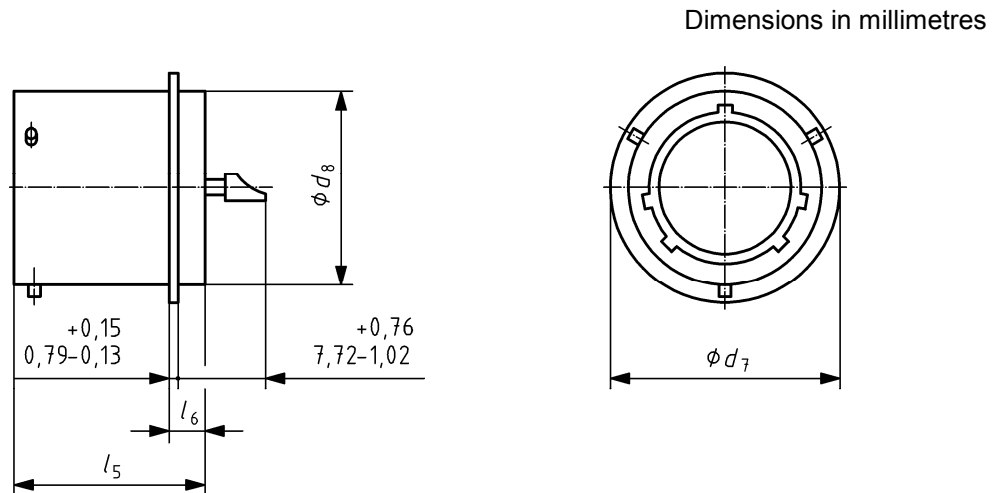
For the purposes of this standard, the terms and definitions given in EN 3372-001 apply.

4 Required characteristics

4.1 Dimensions, mass

See Figure 1 and Table 1.

Dimensions apply after surface treatment



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Figure 1 — Receptacle
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Table 1 — Dimensions and mass

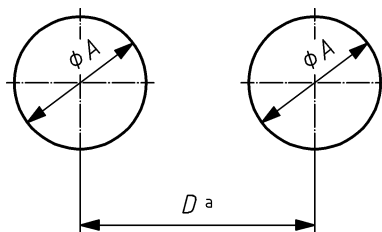
Housing size	d_7	d_8	l_5	l_6	Mass g
	mm	mm	mm	mm	
	+ 0,28 - 0,25	+ 0,03 - 0,13	+ 0,28 - 0,25	+ 0,03 - 0,13	max.
08	17,45	14,27	20,04	3,17	10,0
10	20,24	17,07			12,0
12	23,01	19,84			18,0
14	26,19	23,01			21,0
16	29,36	26,19			25,0
18	32,54	29,36			33,0
20	34,93	31,75	20,85	3,96	39,0
22	38,10	34,93			45,0
24	41,28	38,10			57,0

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4.2 Panel cut-out and mounting of connectors

See Figure 2 and Table 2 for panel cut-out for mounting of connectors.

Dimensions in millimetres



^a $D_{\min.}$ value is calculated as follows: $\frac{1}{2} D$ connector one + $\frac{1}{2} D$ connector two (see Table 2 for value D).

Figure 2 — Panel cut-out

Table 2 — Panel cut-out dimensions

Dimensions in millimetres

Housing size	A $\pm 0,1$	D min.
08	14,8	28,0
10	17,5	31,0
12	20,2	36,0
14	23,4	41,0
16	26,6	43,0
18	29,8	46,0
20	32,3	53,0
22	35,3	58,0
24	38,6	61,0