

**Aerospace series - Electrical contacts
used in elements of connection - Part
034: Contacts, electrical, triaxial, size
08, male, type D, crimp, class R -
Product standard**

Aerospace series - Electrical contacts used in
elements of connection - Part 034: Contacts,
electrical, triaxial, size 08, male, type D, crimp, class
R - Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 3155-034:2007 sisaldab Euroopa standardi EN 3155-034:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.11.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 3155-034:2007 consists of the English text of the European standard EN 3155-034:2007.</p> <p>This document is endorsed on 22.11.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This standard specifies the characteristics of plugs with shielding rings in the family of circular, electrical connectors, with triple start threaded coupling.</p>	<p>Scope:</p> <p>This standard specifies the characteristics of plugs with shielding rings in the family of circular, electrical connectors, with triple start threaded coupling.</p>
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ICS 45.060

Võtmesõnad:

ICS 45.060

English Version

Aerospace series - Electrical contacts used in elements of connection - Part 034: Contacts, electrical, triaxial, size 08, male, type D, crimp, class R - Product standard

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 034 : Contacts électriques triaxiaux, taille 08, mâles, type D, à sertir, classe R - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 034: Elektrische triaxiale, Grösse 08, Stiftkontakte, Typ D, crimpbar, Klasse R - Produktnorm

This European Standard was approved by CEN on 28 September 2006.

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Foreword

This document (EN 3155-034:2007) 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 April 2008, and conflicting national standards shall be withdrawn at the latest by April 2008.

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Introduction

The electrical contacts defined in this standard are derived from and interchangeable with those of standard MIL-C-39029/96. They are also interchangeable with those of standard EN 3155-042.

1 Scope

This standard specifies the required characteristics, tests and tooling applicable to male electrical triaxial contacts, size 08, type D, crimp, class R, used in element of connection according to EN 3155-002.

It shall be used together with EN 3155-001.

The associated female contacts are defined in EN 3155-035 and EN 3155-043.

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 2591-*, *Aerospace series — Elements of electrical and optical connection — Test methods.*

EN 3155-001, *Aerospace series — Electrical contacts used in elements of connection — Part 001: Technical specification.* ¹⁾

EN 3155-002, *Aerospace series — Electrical contacts used in elements of connection — Part 002: List and utilization of contacts.*

EN 3155-035, *Aerospace series — Electrical contacts used in elements of connection — Part 035: Contacts, electrical, triaxial, size 08, female, type D, crimp, class R — Product standard.*

EN 3155-042, *Aerospace series — Electrical contacts used in elements of connection — Part 042: Contacts, electrical, triaxial, size 08, male 042, type D, solder, class P — Product standard.*

EN 3155-043, *Aerospace series — Electrical contacts used in elements of connection — Part 043: Contacts, electrical, triaxial, size 08, female 043, type D, solder, class P — Product standard.*

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.*

MIL-DTL-22520, *Crimping tools, terminal, hand or power actuated, wire termination, and tool kits general specification for.* ²⁾

* All parts quoted in this standard.

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

2) Published by: Department of Defense (DoD), The Pentagon, Washington D.C. 20301, USA.

MIL-C-39029/96, *Contacts, electrical connector, concentric twinax, pin, size 8 (for DOD-C-83527 connector)*. ²⁾

MIL-I-81969/14, *Installing and removal tools, connector electrical contact, type III, class 2, composition B*. ²⁾

TR 6058, *Aerospace series — Cable code identification list*. ³⁾

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 3155-001 apply.

4 Requirements characteristics

4.1 Specific characteristics

Type D contacts are for application where contacts with a screening feature are requested and class R corresponds to an operating temperature range from – 65 °C to 150 °C.

4.2 Dimensions and mass

See Figure 1.

Dimensions and tolerances are given in millimetres and apply after surface treatment.

Mass of the contact: 5,2 g max.

3) Published as ASD Technical Report at the date of publication of this standard.