

**Aerospace series – Electrical contacts used in  
elements of connection –  
Part 023: Contacts, electrical rectangular, female,  
type A, crimp, class R – Product standard**

Europastandarden EN 3155-023:2006 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 3155-023:2006.

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 3155-023**

April 2006

ICS 49.060

English Version

**Aerospace series - Electrical contacts used in elements of connection - Part 023: Contacts, electrical rectangular, female, type A, crimp, class R - Product standard**

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 023 : Contacts électriques rectangulaires, femelles, type A, à sertir, classe R - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 023: Elektrische Buchsenkontakte rechteckig, Typ A, crimpbar, Klasse R - Produktnorm

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## Foreword

This European Standard (EN 3155-023:2006) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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of an identical text or by endorsement, at the latest by October 2006, and conflicting national standards shall be withdrawn at the latest by October 2006.

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**EN 3155-023:2006 (E)****1 Scope**

This standard specifies the required characteristics, tests and tooling applicable to rectangular female electrical contacts 023, type A, crimp, class R, used in elements of connection according to EN 3155-002.

It shall be used together with EN 3155-001.

The associated male contacts are defined in EN 3155-022. They also mate with the male non-removable size 22 solder contacts of EN 3218-005 and 3218-006.

**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 2083, *Aerospace series — Copper or copper alloy conductors for electrical cables — Product standard.*

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.* <sup>1)</sup>

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

EN 3155-022, *Aerospace series — Electrical contacts used in elements of connection — Part 022: Contacts, electrical rectangular, male, type A, crimp, class R — Product standard.*

EN 3218-005, *Aerospace series — Connectors, rectangular, with metallic shells and screw-locking — Part 005: Plug with non-removable size 22 solder contacts — Product standard.*

EN 3218-006, *Aerospace series — Connectors, rectangular, with metallic shells and screw-locking — Part 006: Receptacle with non-removable size 22 solder contacts — Product standard.*

EN 4008-012, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 012: Positioner for crimping tool M22520/2-01 — Product standard.*

MIL-DTL-22520, *Crimping tools, wire termination, general specification for.* <sup>2)</sup>

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\* All parts quoted in this standard.

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

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