

Aerospace series - Electrical contacts used in elements of connection - Part 080: Contacts size 22 for EN 2997, electrical, male, type A, crimp, class T - Product standard

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 3155-080:2014 sisaldab Euroopa standardi EN 3155-080:2014 inglisekeelset teksti.	This Estonian standard EVS-EN 3155-080:2014 consists of the English text of the European standard EN 3155-080:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 05.11.2014.	Date of Availability of the European standard is 05.11.2014.
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ICS 49.060

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English Version

**Aerospace series - Electrical contacts used in elements of
connection - Part 080: Contacts size 22 for EN 2997, electrical,
male, type A, crimp, class T - Product standard**

Série aérospatiale - Contacts électriques utilisés dans les
organes de connexion - Partie 080 : Contacts électriques
taille 22 pour EN 2997, mâles, type A, à sertir, classe T -
Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung
in Verbindungselementen - Teil 080: Elektrische
Stiftkontakte Größe 22 für EN 2997, Typ A, crimpbar,
Klasse T - Produktnorm

This European Standard was approved by CEN on 14 June 2014.

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 3155-080:2014) 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of an identical text or by endorsement, at the latest by May 2015, and conflicting national standards shall be withdrawn at the latest by May 2015 .

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Introduction

The contacts defined in this standard are specified for EN 2997 high density.

1 Scope

This European Standard specifies the required characteristics and tests applicable to male electrical contacts 080, type A, crimp, class T, used in elements of connection according to EN 3155-002.

It shall be used together with EN 3155-001.

The associated female contacts are defined in EN 3155-081.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 ¹⁾, *Aerospace series — Elements of electrical and optical connection — Test methods*

EN 2997 (all parts), *Aerospace series — Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures – 65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak*

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

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

EN 3155-081, *Aerospace series — Electrical contacts used in elements of connection — Part 081: Contacts size 22 for EN 2997, electrical, female, type A, crimp, class T — Product standard*

ISO 8843, *Aircraft — Crimp-removable contacts for electrical connectors — Identification system*

SAE-AS22520, *Crimping tools, wire termination, general specification for* ²⁾

SAE-AS81969, *Installing and removal tools, connector electrical contact, general specification for* ²⁾

3 Terms and definitions

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

1) All parts quoted in Table 6.

2) Published by: SAE National (US) Society of Automotive Engineers <http://www.sae.org/>