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National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 3155-016:2007

ICS 49.060

AEROSPACE SERIES - ELECTRICAL CONTACTS USED IN ELEMENTS OF CONNECTION - PART 016: CONTACTS, ELECTRICAL, MALE, TYPE A, CRIMP, CLASS S - PRODUCT STANDARD

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3155-016

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ICS 49.060

English Version

Aerospace series - Electrical contacts used in elements of connection - Part 016: Contacts, electrical, male, type A, crimp, class S - Product standard

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 016 : Contacts électriques, mâles, type A, à sertir, classe S - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 016: Elektrischer Buchsenkontakt, Typ A, crimpbar, Klasse S - Produktnorm

This European Standard was approved by CEN on 24 June 2006.

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Foreword

This European Standard (EN 3155-016:2006) 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of an identical text or by endorsement, at the latest by February 2007, and conflicting national standards shall be withdrawn at the latest by February 2007.

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Introduction

The electrical contacts (except size 22) are derived from those of NAS 1749.

1 Scope

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

It shall be used together with EN 3155-001.

The tests as applied in this standard do not permit the full qualification and shall be completed with associated components.

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.*[1)]

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

EN 4008-007, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 007: Positioner for crimping tool M22520/2-01 — Product standard.*

EN 4008-008, *Aerospace series — Elements of electrical and optical connection — Crimping tools and associated accessories — Part 008: Positioner for crimping tool M22520/7-01 — Product standard*.

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

MIL-I-81969, *Installing and removal tools, connector electrical contact, general specification for.*[2)]

NAS 1749, *Contact, electrical, pin*.[3)]

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* All parts quoted in this standard.

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