



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 3155-039:2007

ICS 49.060

**AEROSPACE SERIES - ELECTRICAL
CONTACTS USED IN ELEMENTS OF
CONNECTION - PART 039: CONTACTS,
ELECTRICAL, COAXIAL, SIZE 16, FEMALE,
TYPE D, SOLDER, CLASS R - PRODUCT
STANDARD**

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EUROPEAN STANDARD
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EUROPÄISCHE NORM

EN 3155-039

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English Version

**Aerospace series - Electrical contacts used in elements of
connection - Part 039: Contacts, electrical, coaxial, size 16,
female, type D, solder, class R - Product standard**

Série aérospatiale - Contacts électriques utilisés dans les
organes de connexion - Partie 039 : Contacts, électriques,
coaxiaux, taille 16, femelles, type D, à souder, classe R -
Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung
in Verbindungselementen - Teil 039: Elektrische koaxiale
Bushenkontakte, Größe 16, Typ D, zum Löten, Klasse R -
Produktnorm

This European Standard was approved by CEN on 6 January 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.

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Foreword

This document (EN 3155-039:2007) 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of an identical text or by endorsement, at the latest by October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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.

EN 3155-039:2007 (E)

Introduction

The contacts defined by this standard are designed for EN 3682-001, panel connector.

1 Scope

This standard specifies the required characteristics, tests and tooling applicable to size 16, female coaxial, electrical contacts, type D, solder, 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 3155-028.

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 3155-028, *Aerospace series — Electrical contacts used in elements of connection — Part 028: Contacts, electrical, coaxial, shielded, size 16, male, type D, crimp, class R — 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-I-81969, *Installing and removal tools, connector electrical contact, general specification for.* ²⁾

MIL-PRF-5606H, *Hydraulic fluid, petroleum base; aircraft, missile and ordnance.* ²⁾

MIL-PRF-7808L, *Lubricating oil, aircraft turbine engine, synthetic base.* ²⁾

MIL-PRF-7870C, *Lubricating oil, general purpose, low temperature.* ²⁾

MIL-PRF-23699F, *Lubricating oil, aircraft turbine engine, synthetic base, NATO code number O-156.* ²⁾

* All parts quoted in this standard.

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

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