



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 3155-040:2007

ICS 49.060

**AEROSPACE SERIES - ELECTRICAL
CONTACTS USED IN ELEMENTS OF
CONNECTION - PART 040: CONTACTS,
ELECTRICAL, COAXIAL, SIZE 12,
MALE, TYPE D, SOLDER, CLASS R -
PRODUCT STANDARD**

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English Version

Aerospace series - Electrical contacts used in elements of connection - Part 040: Contacts, electrical, coaxial, size 12, male, type D, solder, class R - Product standard

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 040 : Contacts, électriques, coaxiaux, taille 12, mâles, type D, à souder, classe R - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 040: Elektrische koaxiale Stiftkontakte, Größe 12, Typ D, zum Löten, Klasse R - Produktnorm

This European Standard was approved by CEN on 6 January 2006.

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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 3155-040:2007) 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of an identical text or by endorsement, at the latest by October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.

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EN 3155-040:2007 (E)

Introduction

The contacts defined by this standard are derived from those of AS 39029/74 and are intermateable with those of AS 39029/73.

1 Scope

This standard specifies the required characteristics, tests and tooling applicable to size 12, male 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 female contacts are defined in EN 3155-031 and EN 3155-041.

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 3155-031, *Aerospace series — Electrical contacts used in elements of connection — Part 031: Contacts, electrical, coaxial, size 12, female, type D, crimp, class R — Product standard.* ¹⁾

EN 3155-041, *Aerospace series — Electrical contacts used in elements of connection — Part 041: Contacts, electrical, coaxial, size 12, female, type D, solder, class R — Product standard.*

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

MIL-PRF-87937D, *Cleaning compound, aerospace equipment.* ²⁾

* All parts quoted in this standard.

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