



NSAI
Standards

Irish Standard
I.S. EN 3155-075:2009

Aerospace series - Electrical contacts used in elements of connection - Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R - Product standard

I.S. EN 3155-075:2009

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English Version

Aerospace series - Electrical contacts used in elements of connection - Part 075: Contacts, electrical, quadrax, size 8, female, type E, crimp, class R - Product standard

Série aérospatiale - Contacts électriques utilisés dans les organes de connexion - Partie 075 : Contacts, électriques quadrax, taille 8, femelles, type E, à sertir, classe R - Norme de produit

Luft- und Raumfahrt - Elektrische Kontakte zur Verwendung in Verbindungselementen - Teil 075: Elektrische Quadrax Buchsenkontakte Größe 8, Typ E, crimpbar, Klasse R - Produktnorm

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Foreword

This document (EN 3155-075:2009) 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of an identical text or by endorsement, at the latest by September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

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Introduction

The contacts defined by this standard are designed for size 8 polarized connector cavities.

1 Scope

This standard specifies the required characteristics, tests and tooling applicable to female electrical quadrax contacts, shielded, size 8, type E, 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 3155-074.

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 2591-100*, *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General.*

EN 3155-001:2009, *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 3155-074, *Aerospace series — Electrical contacts used in elements of connection — Part 074: Contacts, electrical, quadrax, size 8, male, type E, crimp, class R — Product standard.*

EN 3909, *Aerospace series — Test fluids and test methods for electric components and sub-assemblies.*

EN 4530-002, *Aerospace series — Sealing sleeves used in elements of connection — Part 002: List and utilization of sealing sleeves.*

TR 6058, *Aerospace series — Cable code identification list.*¹⁾

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 3155-001:2009 apply.

* All parts quoted in this document.

¹⁾ Published as ASD Technical Report at the date of publication of this standard.

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