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INTERNATIONAL STANDARD

REDLINE VERSION

Solderless connections - iTeh Standards
Part 7: Spring clamp connections - General requirements, test methods and
practical guidance (<https://standards.iteh.ai>)
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

Solderless connections - Part 7: Spring clamp connections - General requirements, test methods and practical guidance

FOREWORD

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IEC 60352-7 has been prepared by subcommittee 48B: Electrical connectors, of IEC technical committee 48: Electrical connectors and mechanical structures for electrical and electronic equipment. It is an International Standard.

This third edition cancels and replaces the second edition published in 2020. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Addition of definition 3.6 contact pressure via insulating material CoPI;
- b) Addition of definition 3.7 spring clamp connecting device with CoPI;
- c) Addition of a dedicated test group for spring clamp connections made with spring clamp terminations, which achieve contact pressure through insulating material (CoPI), which shall be tested according to Annex B in Subclause 6.1;
- d) Addition of test group “CoPI” in Clause 8;
- e) Addition of Annex B to detail tests for resiliency in metallic parts to compensate for any shrinkage or yielding of insulating material with regards to contact pressure transmitted through the insulating material (CoPI), referenced in the “Test group CoPI” added in both test schedules.

The text of this International Standard is based on the following documents:

Draft	Report on voting
48B/3177/FDIS	48B/3186/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

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The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts in the IEC 60352 series, published under the general title *Solderless connections*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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