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# UL 1557

## STANDARD FOR SAFETY

### Electrically Isolated Semiconductor Devices

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UL Standard for Safety for Electrically Isolated Semiconductor Devices, UL 1557

Seventh Edition, Dated December 6, 2022

**SUMMARY OF TOPICS:**

***The Seventh Edition of the Standard for Electrically Isolated Semiconductor Devices, UL 1557 dated December 6, 2022, has been issued to reflect the latest ANSI approval date and to incorporate the following proposal:***

- ***Temperature for determining the oven time and temperature for the LTA test***
- ***Requirements for insulating materials***
- ***Insulated case***
- ***Spacings***
- ***Compliance criteria for Limited Thermal Aging (LTA) test***
- ***Miscellaneous revisions to LTA and dielectric tests***

The new requirements are substantially in accordance with Proposal(s) on this subject dated September 30, 2022.

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DECEMBER 6, 2022



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**UL 1557**

**Standard for Electrically Isolated Semiconductor Devices**

First Edition – May, 1984  
Second Edition – May, 1993  
Third Edition – May, 1997  
Fourth Edition – June, 2006  
Fifth Edition – December, 2011  
Sixth Edition – March, 2018

**Seventh Edition**

**December 6, 2022**

This ANSI/UL Standard for Safety consists of the Seventh Edition.

The most recent designation of ANSI/UL 1557 as an American National Standard (ANSI) occurred on December 6, 2022. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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