

The Institute for Interconnecting and Packaging

Electronic Circuits



General Requirements for Thermally Conductive Adhesives

IPC-CA-821

January 1995

A standard developed by the Institute for Interconnecting and Packaging Electronic Circuits

2215 Sanders Road Northbrook, Illinois 60062-6135 Tel 847 509.9700 Fax 847 509.9798 URL: http://www.ipc.org

Standardization

In May 1995 the IPC's Technical Activities Executive Committee adopted Principles of Standardization as a guiding principle of IPC's standardization efforts.

Standards Should:

- Show relationship to DFM & DFE
- Minimize time to market
- Contain simple (simplified) language
- Just include spec information
- Focus on end product performance
- Include a feed back system on use and problems for future improvement

Standards Should Not:

- Inhibit innovation
- Increase time-to-market
- Keep people out
- Increase cycle time
- Tell you how to make something
- Contain anything that cannot be defended with data

Notice

IPC Standards and Publications are designed to serve the public interest through eliminating misunderstandings between manufacturers and purchasers, facilitating interchangeability and improvement of products, and assisting the purchaser in selecting and obtaining with minimum delay the proper product for his particular need. Existence of such Standards and Publications shall not in any respect preclude any member or nonmember of IPC from manufacturing or selling products not conforming to such Standards and Publication, nor shall the existence of such Standards and Publications preclude their voluntary use by those other than IPC members, whether the standard is to be used either domestically or internationally.

Recommended Standards and Publications are adopted by IPC without regard to whether their adoption may involve patents on articles, materials, or processes. By such action, IPC does not assume any liability to any patent owner, nor do they assume any obligation whatever to parties adopting the Recommended Standard or Publication. Users are also wholly responsible for protecting themselves against all claims of liabilities for patent infringement.

The material in this standard was developed by the SMT Mounting Adhesives Task Group (5-11c) of the Assembly Processes Committee (5-10) of the Institute for Interconnecting and Packaging Electronic Circuits.

Copyright © 1996 by the Institute for Interconnecting and Packaging Electronic Circuits. All rights reserved. Published 1996. Printed in the United States of America.



THE INSTITUTE FOR

INTERCONNECTING

AND PACKAGING

ELECTRONIC CIRCUITS

IPC-CA-821

General Requirements for Thermally Conductive Adhesives

Developed by the SMT Mounting Adhesives Task Group of the Assembly Processes Committee of the Institute for Interconnecting and Packaging Electronic Circuits

Users of this standard are encouraged to participate in the development of future revisions.

Contact:

IPC 2215 Sanders Road Northbrook, Illinois 60062-6135 Tel 847 509.9700 Fax 847 509.9798