



IPC-SM-840E

2010 - December

Qualification and Performance Specification of Permanent Solder Mask and Flexible Cover Materials

Supersedes IPC-SM-840D
April 2007

A standard developed by IPC

Association Connecting Electronics Industries



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The Principles of Standardization

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

Standards Should:

- Show relationship to Design for Manufacturability (DFM) and Design for the Environment (DFE)
- Minimize time to market
- Contain simple (simplified) language
- Just include spec information
- Focus on end product performance
- Include a feedback 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

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Qualification and Performance Specification of Permanent Solder Mask and Flexible Cover Materials

Developed by the Solder Mask Performance Task Group (5-33B) of the Cleaning and Coating Committee (5-30) and the Covercoat Materials Task Group (D-13B) of the Flexible Circuits Committee (D-10) of IPC

Supersedes:

IPC-SM-840D - April 2007
IPC-SM-840C -
Amendment 1 - June 2000
IPC-SM-840C - January 1995
IPC-SM-840B - May 1988
IPC-SM-840A - July 1983
IPC-SM-840 - November 1977

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

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