

ELECTRONIC INDUSTRIES ALLIANCE

AUTOMATED COMPONENT HANDLING COMMITTEE



WHO ARE WE?

The Automated Component Handling Committee (ACH) was created to set standards for packaging electronic components to facilitate automated handling. This includes standards for Tape and Reel packaging of surface mount and through-hole devices, and also tube and tray packaging. ACH also provides a forum for members and guests to share experiences with packaging and handling of components, and to stay current with technical and economic developments in the field.

ACH is behind the world's most widely used packaging standards, including

- EIA-481 for Surface Mount Tape and Reel packaging,
- EIA-468 for Tape and Reel of Radial-leaded Components, and
- EIA-296 for Axial device Tape and Reel.

The Automated Component Handling Committee also created "ACH 2000" to introduce emerging handling technologies to the industry.

A PART OF THE ELECTRONIC INDUSTRIES ALLIANCE (EIA)

ACH is a committee of EIA Standards and Technology. EIA standards accreditation and procedures are managed by the Electronic Components Association (ECA), a founding sector of EIA. ECA, formerly the components group of EIA, has developed

standards for the electronic components industry through EIA accreditation for more than 50 years. The EIA Vice President for Standards and Technology is on the ECA staff and serves on the ANSI USNC.

ACH coordinates its work with JEDEC Solid State Technology Association (formerly the Joint Electron Device Engineering Council), as well as with the electronic component committees of ECA. The ACH Committee also coordinates its work with IEC (the International Electrotechnical Commission) and JEITA (Japan Electronics and Information Technology Industries Association), resulting in greater harmonization and truly global standards.

HISTORY

ACH traces its roots to the 1970's, during the early years of automated assembly of electronic circuits. The committee has been chaired over the years by a succession of component industry leaders. Recent standards introduced by ACH govern packaging of bare die, chip-scale packages, and devices smaller than 0805. Today's standards are the result of numerous revisions and enhancements to increase their usefulness and keep them in step with current technology.



BENEFITS

Members of the Automated Component Handling Committee enjoy numerous benefits as individuals and as companies, including:

- Direct input into the development of new standards
- Networking with industry peers
- Increased awareness of the state of the art of the industry and future challenges
- Exchange of challenges, successes and opportunities
- Worldwide credibility in the industry through the impact of ACH and EIA
- Staying current with industry changes affecting automated assembly
- Involvement in development of standards that affect your business
- Cooperation with other worldwide standards committees, such as JEDEC and IEC

MEETINGS

The ACH Committee meets two times per year to discuss industry issues. Meeting times and locations are determined at prior meetings by committee members.

ACH meetings coincide with the ECA "Engineering Summit" meetings. ECA, the Electronic Components, Assemblies and Materials Association, is the electronic components sector of EIA. The semi-annual Engineering Summit meetings feature a complete slate of ECA engineering meetings plus a series of general sessions and participation activities that allow attendees from ACH to meet and exchange information with colleagues and peers.

Representation in ACH includes members from across the industry: OEMs, materials suppliers, third party logistics companies, contract packagers, component manufacturers, equipment makers, contract manufacturers, and manufacturers of tapes, trays, reels and other materials. The ACH Committee continues to seek new members to enhance the service it provides to the electronics industry.

Visit us at our web site,
<http://www.ec-central.org>
for past minutes, agendas, and future meeting dates.

To order standards,
Go to <http://www.global.ihs.com>

MEMBERSHIP

Individuals and companies interested in the Automated Component Handling Committee are welcome to become involved. Membership is open to all interested parties. Companies do not have to be full EIA members to participate in ACH.

For ACH membership information, contact the ECA office at (703) 907-8024 or visit <http://www.ec-central.org/>. Or write us at:

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