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Optional

ESD - Electro Static Discharge



Description:

By electrostatic discharge electronic components (semiconductors) get damaged.

Consequence:

The damaged components may fail immediately or they may even fail later, after several hours of operation at the customer.

Actions:

In order not to damage electronic components by ESD in the production, the following actions are taken:

- Employers have to wear ESD shoes
 - ➔ no charging of the workers
- Conductive, grounded floor and table coverings
 - ➔ no charging of persons and goods
 - ➔ discharging by contacting the floor and table surface is possible
- Packaging of electronic assemblies according ESD guidelines.

Benefits:

- Reduced damaged electronic assemblies during production
 - ➔ Less returns to suppliers
 - ➔ Reduction of costs
- Reduced failures of electronic components at the customer
 - ➔ Reduction of the GEWA cost
 - ➔ Improved image at the customers

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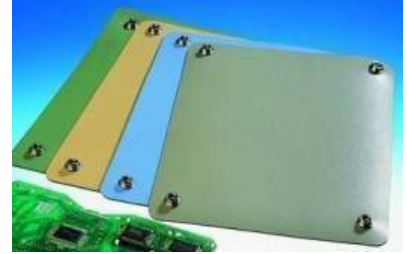
Examples:



ESD shoes



ESD packaging



ESD table mats



ESD labeling



ESD packaging



ESD floor mat

References:

Partner and responsible person for questions and references is Hermann.Stigler@de.kaercher.com

[**i More Information**](#)