

BASIC PRINCIPLES

This chapter imparts basic knowledge on the relationships between the electric field, permittivity, as well as the structure and operating principles of a capacitor.

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CAPACITOR CHARACTERISTICS

Here the electrical parameters and essential characteristics of a capacitor are explained in greater detail for the reader. This extends from the actual capacitance of a capacitor through to the interdependencies.

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CAPACITOR TYPES

Existing capacitor types and their characteristics are presented. Film, electrolyte and ceramic capacitors are considered in detail.

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INDICES

An alphabetic keyword index for fast and targeted searching, as well as a bibliography of the sources used round off this book.

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