#### BE1M13VES

## Manufacturing of Electrical Components

Michal Brejcha

CTU in Prague

Prague, 2017

## Overview

1 Capacitance

## **TOPIC**

1 Capacitance

# Capacitors

#### **Parameters:**

- C... capacitance
- lacksquare  $\delta$ ... tolearance
- *U...* nominal voltage
- *D*... dissipation factor
- ESR... equivalent series resistance
- *TCC*... temperature coeficient of capacitance
- VCC... voltage coeficient of capacitance
- frequency dependence