

**DC bias characteristics of ceramic capacitors and DC superimposition characteristics of inductors can be taken into account in circuit simulation**

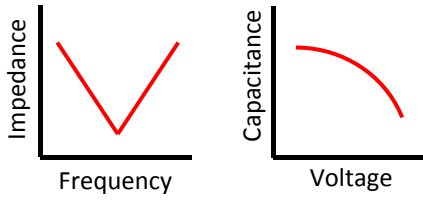


Multilayered Ceramic Chip Capacitors



Inductors

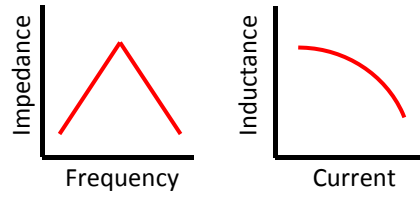
**Measurement**



Frequency Characteristics

DC bias Characteristics

**Measurement**

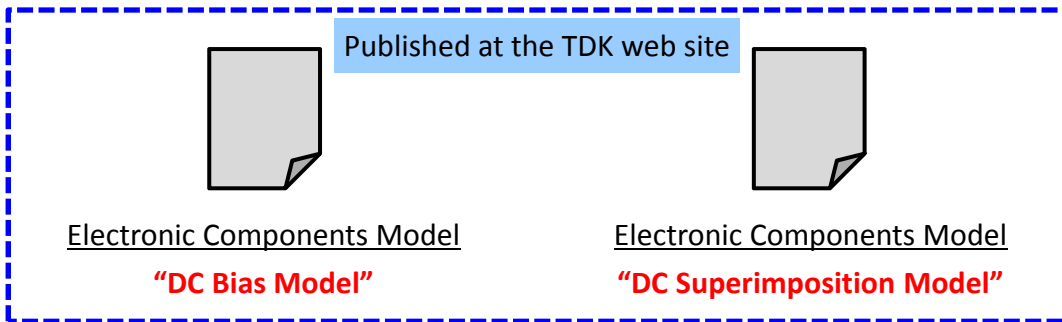


Frequency Characteristics

DC Superimposition Characteristics

**Modeling**

**Modeling**



**Model Application**

**Model Application**

