

# Metal Oxide Varistor : Glossary



## ■ Varistor Voltage

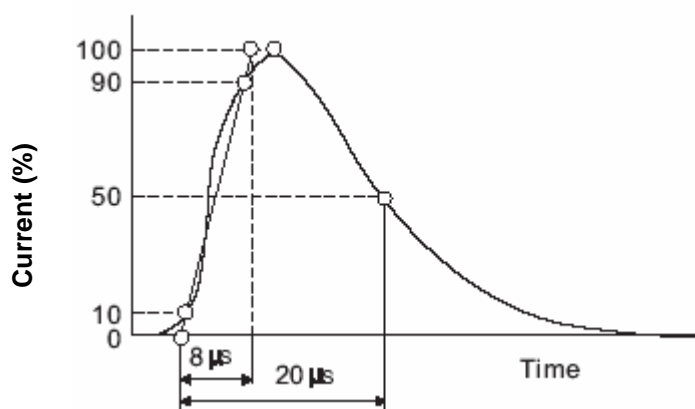
The voltage across the varistor measured with the specified DC current 1mA.

## ■ Max. Operating Voltage

The max. operating voltage ( AC/DC ) that can be applied continuously across the varistor.

## ■ Max. Clamping Voltage

The max. voltage across the varistor with the specified standard impulse current ( 8/20 $\mu$ s ) applied as shown below.



## ■ Max. Energy

The max. energy within the varistor voltage change of  $\pm 10\%$  when a single impulse current of 10/1000 $\mu$ s is applied

## ■ Max. Surge Current ( 8/20 $\mu$ s )

The max. current within the varistor voltage change of  $\pm 10\%$  with a single standard impulse current of 8/20 $\mu$ s is applied or two times with an interval of 5 minutes

## ■ Rated Power

The power can be applied in the specified ambient temperature.

## ■ Reference Capacitance

The capacitance of the varistor at a specified frequency (1KHz or 1MHz) and bias (1Vp-p)