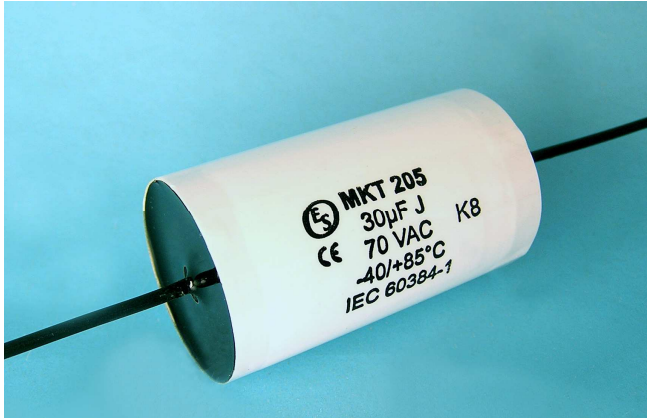
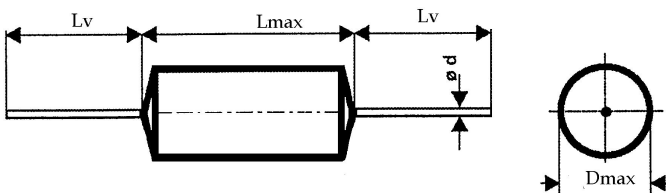


CAPACITORS FOR AC VOLTAGE APPLICATIONS MKT 205

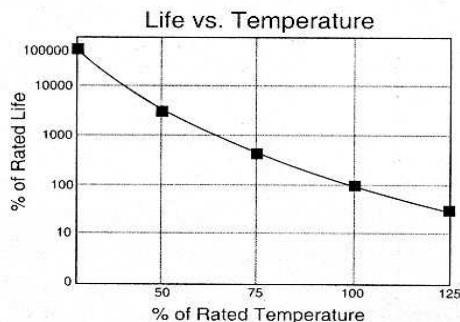
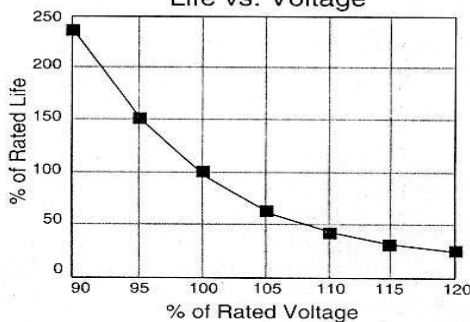


Dimensions:

Capacity C_R [nF]	Dimensions [mm]		
	D	L	Lv
30	30	50^{+1}	100
68	43	50^{+1}	100



Influence of temperature and working voltage on expected service-life



Construction:

metalized film electrodes, polyester film dielectric, No-inductive, self-healing construction, Polyester tape wrapping epoxy resin sealed, flame retardant execution, insulated wire leads

Applications:

Motor-run capacitors and other AC and DC applications

Technical data

Rated DC voltage U_R : 160VDC

Rated voltage is the max. DC or peak voltage, for which the capacitor is designed. If the capacitor works with the DC and also super-imposed AC voltage U_{AC} , the sum of DC and the amplitude of AC must not exceed the U_R

Max permissible AC voltage: 70V 50/60Hz,

If the working frequency is higher, the permissible AC voltage must be decreased, not to exceed the max. loss power of the capacitor.

Capacity: 30uF, other capacity on request

Tolerance: $\pm 20\%$, $\pm 10\%$, $\pm 5\%$, other tolerance. on request

Dissipation factor $Tg\delta$: $< 0,01$ at 100Hz and $+25^\circ\text{C}$

Insulation resistance R_{IS} : 5 000/C [$M\Omega$]

Operating temperature range: $-40 \div +70^\circ\text{C}$

Max permissible ambient temperature: $+70^\circ\text{C}$ on case

The highest permissible capacitor temperature at the hottest point of the case must not exceed $+70^\circ\text{C}$.

Test voltage between terminals:

$1,4xU_R$, 1min at $+25^\circ\text{C}$ All capacitors are tested by the routine test by the producer

Protection against Over-voltages:

The capacitors are self-healing and regenerate themselves after occasional breakdowns. The capacitor remains fully functional after the breakdown.

If the Over-voltages exceed the permissible value above, the capacitor might have been destroyed.

Test voltage between terminals and case:

1000VDC, 1min. at $+25^\circ\text{C}$

Max. repetitive rate of voltage rise $dU/dt < 5V/\mu\text{sec}$

The capacitors are not suitable for direct across the line operation !

Related standards: IEC 60384-1, IEC 60252

Marking for purchase ordering, sample:

MKT 205 30uF 70V 50/60Hz

Warning! The manufacturer is not responsible for any damages, caused by the improper installation and application. Before using the capacitor in any application, please, read carefully this technical data-sheet.