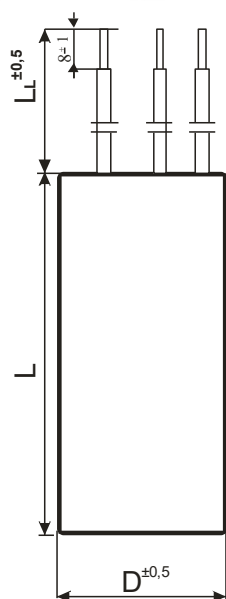
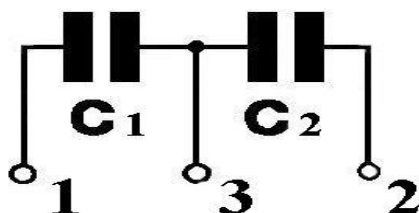




MKP393Duo CAPACITORS FOR AC APPLICATIONS



Capacity C_R [µF]	Dimensions [mm]		
	D	L	L_1
2x0,5	35	68	200

Other capacity and other L_1 on request

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.

Construction: Metallized polypropylene film, non-inductive, self-healing construction, plastic cylindrical flame retardant case, with bottom screw available

Leads: stranded wire

Colors of the outlets: 1: black, 3: blue, 2: white

Applications: Motor run-capacitors and other AC applications

Technical data

Rated voltage U_R : 380VAC 50/60Hz

If the working frequency is higher, the permissible AC voltage must be decreased

Rated capacitance: see table

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

Dissipation factor $Tg\delta$: $< 0,001$ at 100Hz and $+25^\circ\text{C}$

Insulation resistance R_{IS} : $> 10\,000/\text{C}$ [$\text{M}\Omega$; μF]

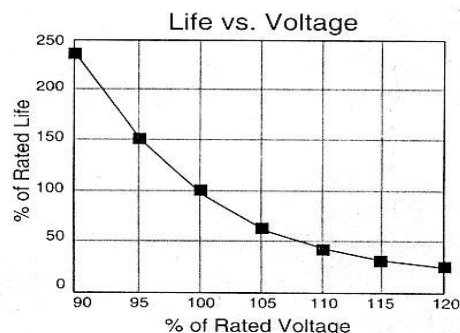
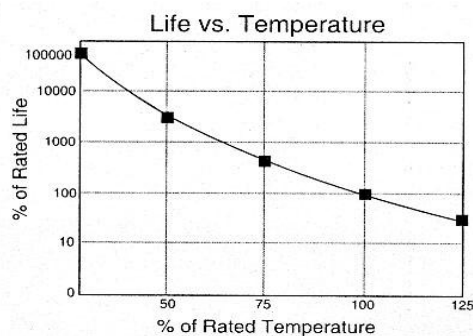
Operating temperature range: $-40 \div +85^\circ\text{C}$

Up to $+100^\circ\text{C}$ $U_R < 200\text{V}$ 50Hz

Operating life expectancy: 10000h/400VAC Class B
3000h/450VAC Class C at $+40^\circ\text{C}$ Max, if the working conditions are other, have a look at the diagrams

Test conditions $1,25 \times U_R$ at $+85^\circ\text{C}$, 2000h

Life expectancy:



Test voltage between terminals: $2 \times U_R$, 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.

Permitted Over-voltages in working conditions:

$1,1 \times U_R$ max. 10% of the service period. If the Over-voltages exceed the permissible values above, the capacitor might have been destroyed.

Test voltage between terminals and case:

3000VDC, 1min. at $+25^\circ\text{C}$

Max. repetitive rate of voltage rise dU/dt :

$< 20\text{V}/\mu\text{sec}$ at U_R and $+25^\circ\text{C}$

Related standards: IEC 60252-1

Marking for purchase ordering:

MKP393 2x0,5µF $\pm 5\%$ 380V 50/60Hz