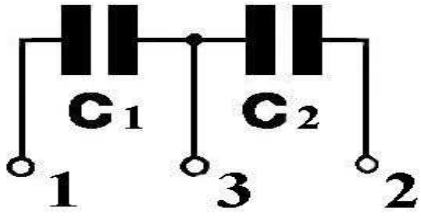
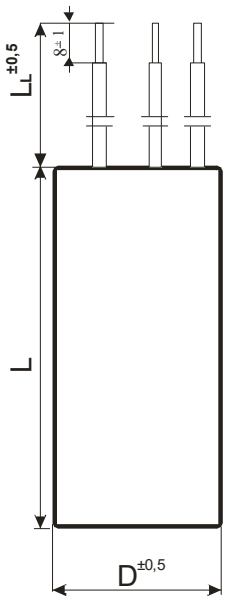
Elektronické součástky CZ, a.s.

MKP393Duo CAPACITORS FOR AC APPLICATIONS



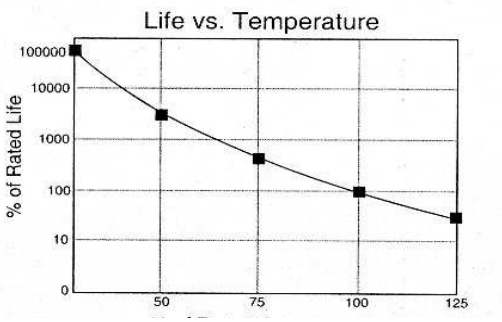


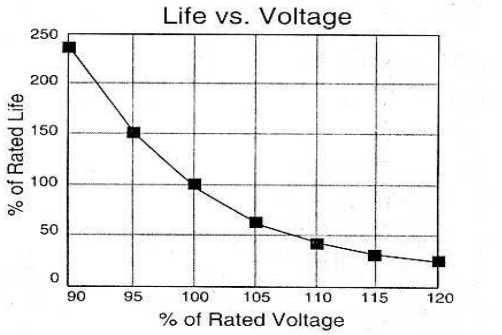
Capacity C_R [µF]	Dimensions [mm]		
	D	L	L_L
2x3,0	30	68	200
2x3,5	35	68	200

Other capacity and other L_L 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, pleas, 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: 450/400VAC 50/60Hz
If the working frequency is higher, the permissible AC voltage must be decreased
Rated capacitance: see table
Tolerance: ±10%, ±5%, other tolerance on request
Dissipation factor Tgδ: < 0,001 at 100Hz and +25ºC
Insulation resistance R_{IS}: >10 000/C [MΩ; uF]
Operating temperature range: -40 ÷ +85ºC
Up to +100°C U_W<200V 50Hz
Operating life expectancy: 10000h/400VAC Class B
3000h/450VAC Class C at +40°C Max, if the working conditions are other, have a look at the diagrams
Test conditions 1,25xU_R at +85°C, 2000h
Life expectancy:





Test voltage between terminals: 2 x U_R, 1min. at +25ºC 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 x 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 +25ºC
Max. repetitive rate of voltage rise dU/dt: < 20V/µsec at U_R and +25ºC
Related standards: IEC 60252
Marking for purchase ordering:
MKP393 2x3,0µF±5% 400V 50/60Hz