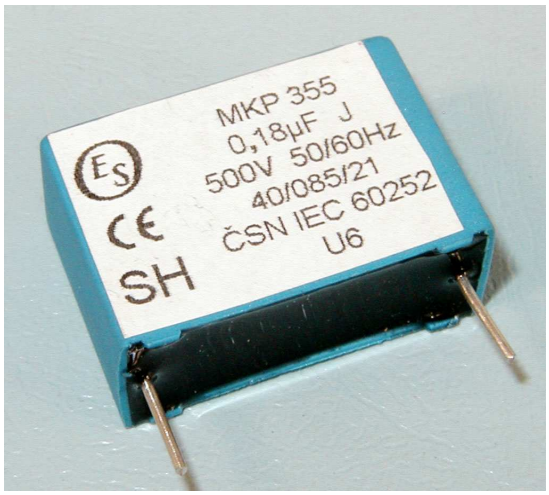
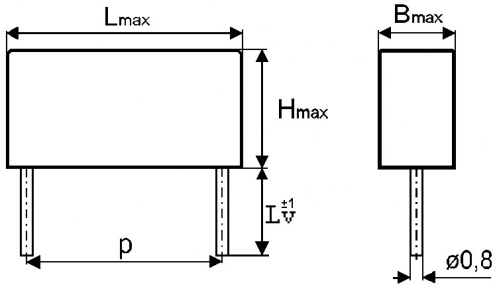
Elektronické součástky CZ, a.s.

MKP355S CAPACITORS FOR AC APPLICATIONS



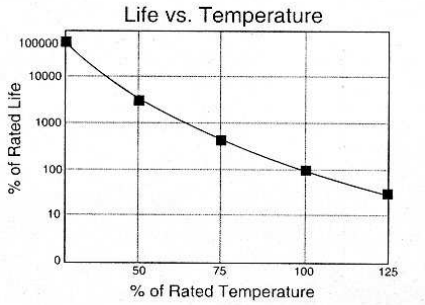


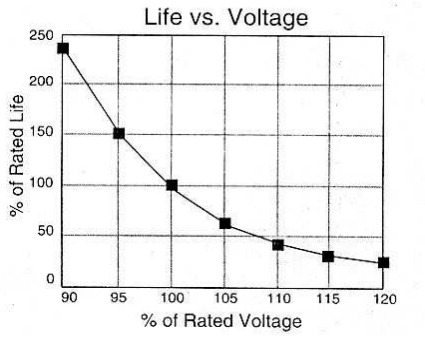
Capacity C_R [µF]	Dimensions [mm]				
	B	H	L	p	Lv
0,18	10,5	18,5	26,5	22,5	6±1

Other capacity and other L_V 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
Applications:
Motor run-capacitors and other AC applications
Technical data
Rated voltage U_R: 500VAC 50/60Hz
Rated capacitance: 0,18 µF
Tolerance: ±10%, ±5%, other tolerance on request
Dissipation factor Tgδ: < 0,001 at 100Hz and +25°C
Insulation resistance R_{IS}: >10 000/C [MΩ; uF]
Operating temperature range: -40 ÷ +85°C
The highest permissible capacitor temperature at the hottest point of the case must not exceed +85°C.
Operating life expectancy:
10 000h/500V 50/60Hz, at Ta<40℃ Class B
30 000h/400V 50/60Hz, at Ta<40℃ Class A
Test conditions 1,25xU_R at +85℃, 2000h
Life expectancy:





Test voltage between terminals: 1,6 x U_R, 1min. at +25°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 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 +25°C
Max. repetitive rate of voltage rise dU/dt:
< 20V/µsec at U_R and +25°C
Related standards: IEC 60252
Marking for purchase ordering:
MKP355S 0,18µF±5% 500V 50/60Hz