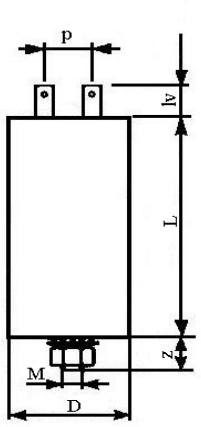
Elektronické součástky CZ, a.s.

CAPACITORS FOR DC & AC APPLICATIONS

MKP 300-246



Construction:
Metalized film electrodes with internal series connection, polypropylene film dielectric,
Non-inductive, self-healing construction,
Plasic round box, epoxy resin sealed,
with bottom screw, terminals on request-see the pictures
flame retardant execution, UL94-V0

Applications:
DC and AC applications.

Technical data

Max permissible DC voltage: 1250V,

AC voltage: 850V 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.

Tolerance: ±20%, ±10%, ±5%, other tolerance on request

Dissipation factor Tgδ: < 0,0005 at 100Hz and +25°C

Insulation resistance R_{IS}: 10 000/C [MΩ]

Operating temperature range: -40 ÷ +85°C

Max permissible ambient temperature:
The highest permissible capacitor temperature at the hottest point of the case must not exceed +85°C.

Test voltage between terminals:
1600VDC 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.

Non Recurrent Surge Voltage: U_{PK} 1600VDC
If the Over-voltages exceed the permissible value above, the capacitor might have been destroyed.

Test voltage between terminals and case:
2000VDC, 1min. at +25°C

Max. permissible dU/dt: < 50V/usec

Related standards: IEC 60384-1, IEC60252-1

Marking for purchase ordering, sample:
MKP300-246 50nF±10% 850VAC 50/60Hz

C_R[nF]*	Dimensions ±1 [mm]					
	D	L	M	z	lv	p
50	25	58,5	8	10	10	8 ÷10

*Other capacitance 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.