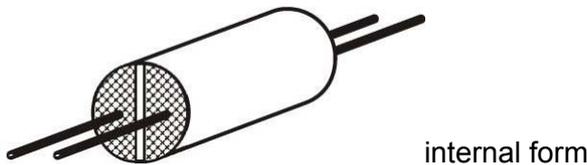
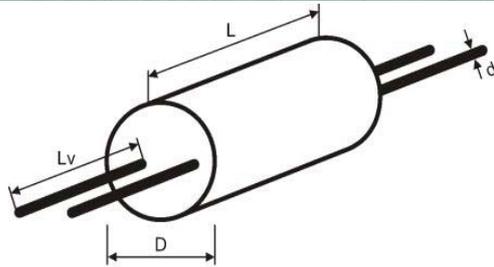
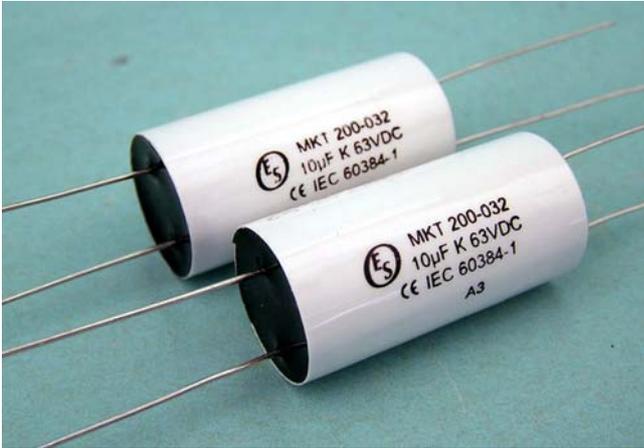


MKT 200-032 SPECIAL CAPACITORS FOR DC APPLICATIONS



internal form

Capacity [µF]*	Dimensions ⁺¹ [mm]			
	D	L	Lv	d
10	12,5	31,5	30	0,6
10	15	31,5	30	0,6

*Other Capacitance on request

Construction:

Metalized film electrodes, polyester dielectric, Non-inductive, self-healing construction, Plastic flame retardant case, epoxy resin sealed

Applications:

DC and low voltage AC applications, low pulse loading

Technical data

Rated voltage U_R: 63VDC, 40V/50Hz

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

Rated capacitance: 10µF

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

Dissipation factor Tgδ:

< 0,006 at 1kHz and +25°C

< 0,01 at 10kHz

Insulation resistance R_{IS}: >500/C [MΩ]

Operating temperature range: -40 ÷ +85°C

The highest permissible capacitor temperature at the hottest point of the case must not exceed +70°C.

Test voltage between terminals: 80VDC, 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:

1000VDC, 1min. at +25°C

Max. repetitive rate of voltage rise dU/dt:

< 2V/µsec at U_R and +25°C

Max. peak current I_p: < C_R x dU/dt

Related standards: IEC 60384-1

Marking for purchase ordering:

MKT300-032 10F ±5%

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.