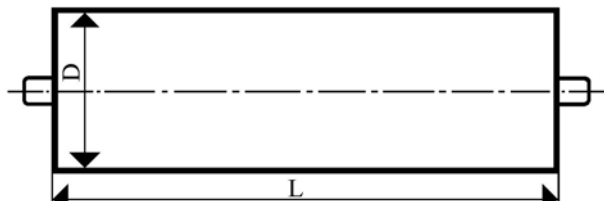


HIGH VOLTAGE CAPACITORS MKPP500-090



Construction:

Metallized polypropylene-film dielectric, non-inductive, self-healing construction
Plastic cylindrical flame retardant case, with bottom and upper screw M6x10

Applications:

High voltage AC applications

Technical data

Max permissible AC voltage: 4000/4500V 50/60Hz

Rated capacitance: 10nF, other capacitance on request

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

Dissipation factor Tgδ: < 0,0008 at 1kHz and +25°C

Insulation resistance R_{IS}: > 2000MΩ

Operating temperature range: -40 ÷ +70°C

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

Test voltage between terminals: 16 000VDC, 1min. at +25°C, all capacitors are tested by the routine test by the producer

Permitted over voltages in working conditions:

1,1 x U_R AC for 2 sec.

If the over voltages exceed the permissible values above, the capacitor might have been destroyed.

Test voltage between terminals and case:

16 000VDC, 1min. at +25°C

Max. repetitive rate of voltage rise dU/dt:

< 1Vµsec at U_R and +25°C

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

Terminals: FASTON's

Related standards: IEC 60384-1

Marking for purchase ordering:

MKPP500-090 10nF 4000/4500VAC/16kVDC

C* [nF]	Dimensions [mm]	
	D	L
10,0	40	125

*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, please, read carefully this technical data-sheet.