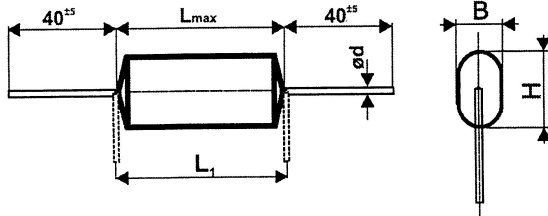




CAPACITORS FOR DC & AC APPLICATIONS

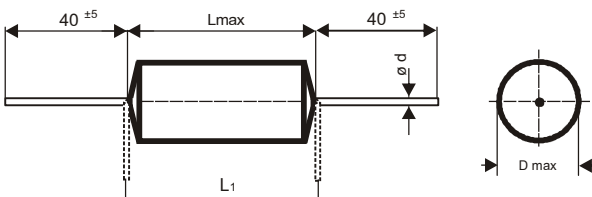
MKP 300-210



C _R [µF]*	Dimensions ⁺¹ [mm]			
	B	H	L	d
0,5	16	26	30	0,8
0,68	24	28	30	0,8
0,80	23,5	33,5	30	0,8

*Other capacitance on request

MKP 300-210 A



C _R [µF]*	Dimensions ⁺¹ [mm]		
	D	L	d
0,27	16,5	30	0,8

*Other capacitance on request

Construction:

Metalized film electrodes with internal series connection, polypropylene film dielectric, Non-inductive, self-healing construction, Polyester tape wrapping, epoxy resin sealed, flame retardant execution

Applications:

DC and AC applications with RMS current loading applications.

Technical data

Rated voltage U_R: 1600VDC up to 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

Max permissible 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: ±10%, ±5% other tolerance. on request

Dissipation factor Tgδ: < 0,0005 at 1kHz and +25°C

Insulation resistance R_{IS}: 30 000/C [MΩ]

Operating temperature range: -40 ÷ +85°C

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

Test voltage between terminals:

1,4xU_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.

Non Recurrent Surge Voltage: U_{PK}

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: < 10V/usec

Related standards: IEC 60384-1

Marking for purchase ordering, sample:

MKP300-210 0,5µF±5% 850VAC

MKP300-210A 0,27µF ±5% 850VAC

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.