Elektronické součástky CZ, a.s.

MKP 300-221 CAPACITORS FOR DC & AC APPLICATIONS

INFO

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, UL94-V0

Applications:
DC and AC applications with RMS current loading applications.

Technical data

Rated voltage U_R: 630VDC 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: 400V 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%, 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 ÷ +100°C

Test voltage between terminals:
1600VDC, 2sec 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.

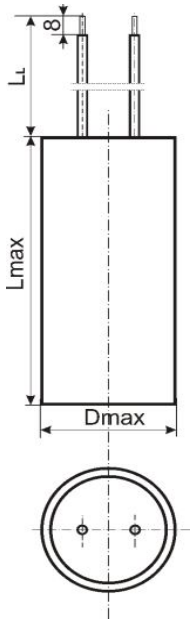
Test voltage between terminals and case:
2000V/50Hz, 1min. at +25°C

Max. permissible dU/dt: < 20V/usec

Related standards: IEC 60384-1

Marking for purchase ordering, sample:
MKP300-221 0,12µF±5% 400VAC

Dimensions:



C_R[µF]*	Dimensions +1[mm]			
	D	L	L_L**	
0,12	12	36	60	

*Other capacitance on request
** Other Lv 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.