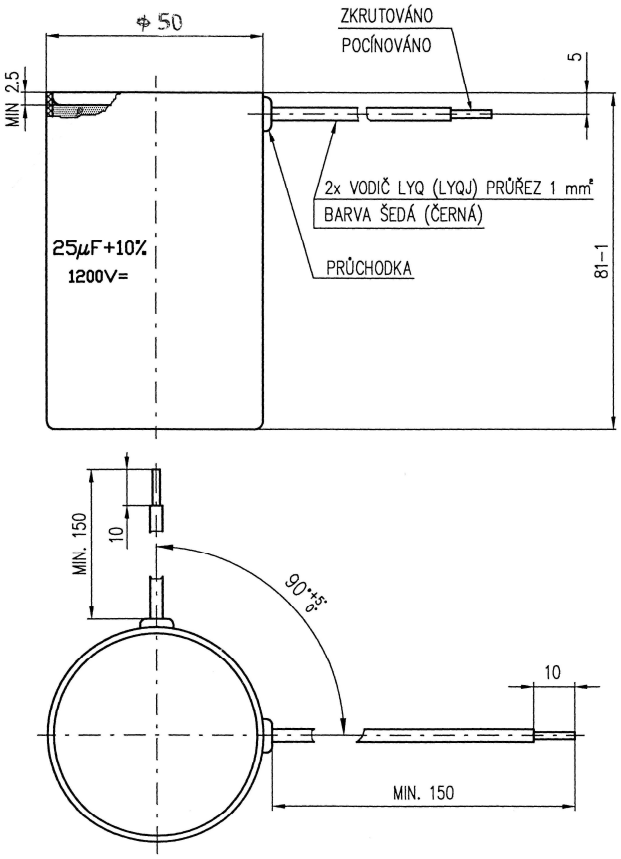
Elektronické součástky CZ, a.s.

CAPACITORS FOR DC & AC APPLICATIONS

MKP300-196 1200VDC/400VAC

Dimensions:



Construction:

metalized film electrodes,
Non-inductive, self-healing construction,
Tubular plastic case, epoxy resin sealed,
flame retardant execution

Applications:
DC and AC applications.

Technical data

Rated voltage U_R: 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: by 50Hz,
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: < 0,004 at 100Hz and +25°C

Insulation resistance R_{IS}: 10 000/C [MΩ;uF] at +25°C

Operating temperature range: -25 ÷ +70°C

Max permissible ambient temperature: +70°C on case
The highest permissible capacitor temperature at the hottest point of the case must not exceed +85°C.

Test voltage between terminals:
1250V DC, 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 Overvoltages exceed the permissible value above, the capacitor might have been destroyed.

Test voltage between terminals and case:
2000V, 50Hz 2sec. at +25°C

Related standards: IEC 60384-1

Marking for purchase ordering, sample:
MKP300-196 25µF± 10% 1200V DC

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.

C_R[µF]	U_R [V]	U_{RMS} [V]	Dimensions[mm] D	L
25	1200	400	50	81_{MAX}

Other capacitance on request