

KPI Polypropylene pulse capacitors

KPI 300-088



Construction of capacitors:

Polypropylene film capacitors for pulse operation.

Electrode 1: aluminium foil.

Electrode 2: double side metallized film.

Noninductive construction. Self-healing ability.

Surface protection by shrinkable tube. Epoxy resin sealed.

Terminals: copper tape

Reference standards: IEC 60384-1a, IEC 60384-17

Rated voltage U_R : 5000 VDC

Climatic category: 55/085/21

Tolerances: $\pm 20\%$; $\pm 10\%$; $\pm 5\%$

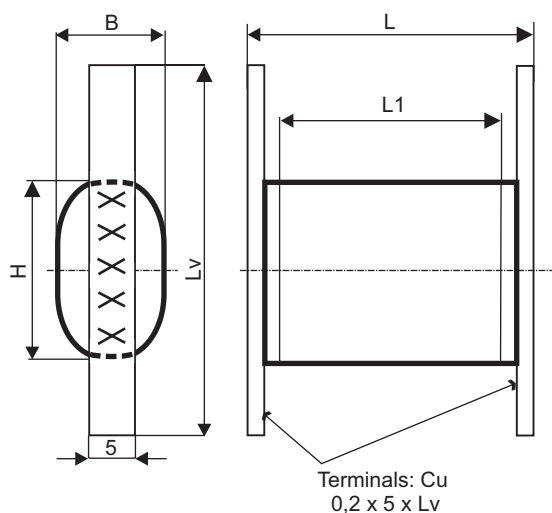
Max. permissible dissipation factor $\tan \delta$ at $+25^\circ\text{C}$ and 10 kHz 0,0005

Category voltage U_C : up to $+85^\circ\text{C}$ $U_C = U_R$

Insulation resistance R_{is} : at 100 V DC after 1 min. charging

Test voltage between terminations: $U_T = 1,6 \times U_R$
for 2 sec. at $+25^\circ\text{C} \pm 5^\circ\text{C}$

Max. pulse rise time: $dU/dt \leq 1000 \text{ V}/\mu\text{sec}$



Type	MKP 364
Nominal capacitance C_R	Maximal dimensions $B \times H \times L \times L_v$ [mm]
1,0 nF	6 x 10 x 23 x 50
6,8 nF	15 x 24 x 23 x 65

Other values of capacitance and tolerance we manufacture on request.

Maximum AC voltage dependence on frequency

The max AC voltage must not be exceeded

