

KPI 349SV Metallized polypropylene film pulse capacitors

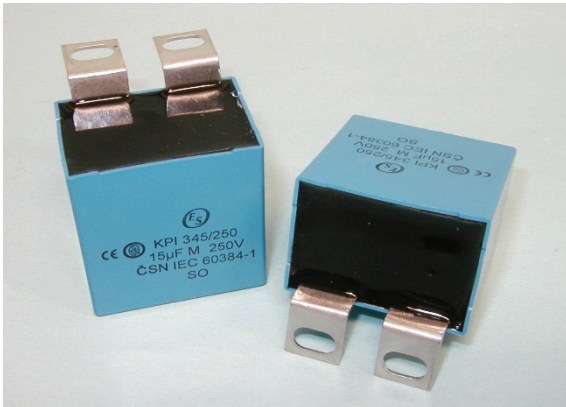
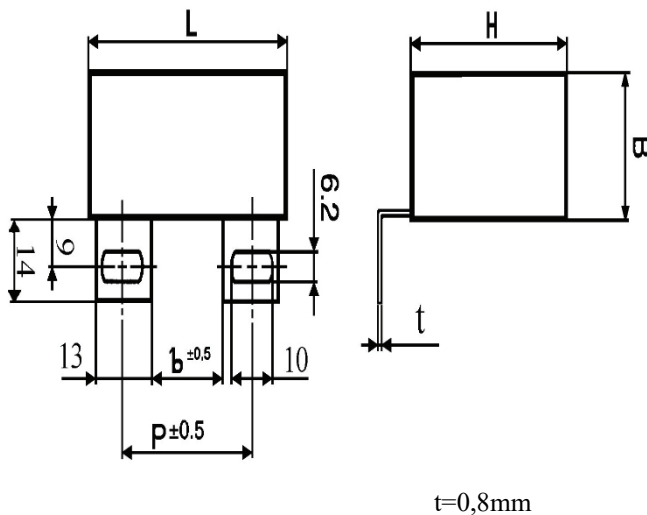


Foto - Info



Capacity C_R [μF] ^{***}	Dimensions BxHxL [mm]	p [mm]	ESR [$\text{m}\Omega$] at 100kHz	I_{RMS} [A] at T_a 55°C	Max. dU/dt V/ μsec
0,22	28x37x42,5	27,5	6	32,5	4500V

Applications:

Capacitors for applications as IGBT modules protection. Protection circuits in SMPs, snubber circuits, high voltage and high current applications, high pulse operation.

Construction:

This capacitors are made of metal-Al foil. Dielectric polypropylene film, plastic prismatic case sealed with epoxy resin. The case and resin are flame retardand (UL - class 94, V-0).

Reference standard: IEC 60384-1, IEC 60384-17

Rated voltage DC/AC: 2000/630V50/60 Hz

Tolerance of capacitance: $\pm 5\%$ (J)

Climatic category: 40/085/56 (IEC 60068-1)

Temperature range: $-40^\circ\text{C} \div +85^\circ\text{C}$

Under operation at the rated power the max. permissible ambient temperature is $+70^\circ\text{C}$.

Max. permissible current pulse:

$I_P = C \times dU/dt$ [A; μF , V/ μsec .]

Dissipation factor tgD: $< 0,0005$
at 1kHz and $+25^\circ\text{C}$

Test voltage at $+25^\circ\text{C}$: 2400VDC 10sec.

Non recurrent surge voltage Upk:
2400 VDC

Insulation resistance: $>30 \text{ GOhm} / C[\mu\text{F}]$
at 100 VDC after 1 min charging between terminals

Marking for purchase ordering:

KPI 349SV 0,22 $\mu\text{F}\pm 5\%$ 2000VDC

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.