

KP-10

Polypropylene capacitors for pulse & switching applications

The KP-10 polypropylene film - Aluminium foil capacitors have been developed for severe ac applications, specifically as snubbing and commutation capacitors in SMPS, as resonant capacitors in electronic - ballast circuits for fluorescent lamps, S-correction circuits in monitors and TV flyback circuits and static frequency changes in motor control drives and power electronics

General features

High ripple current capacity ● Extremely low losses ● High contact reliability ● Suitable for high frequency applications

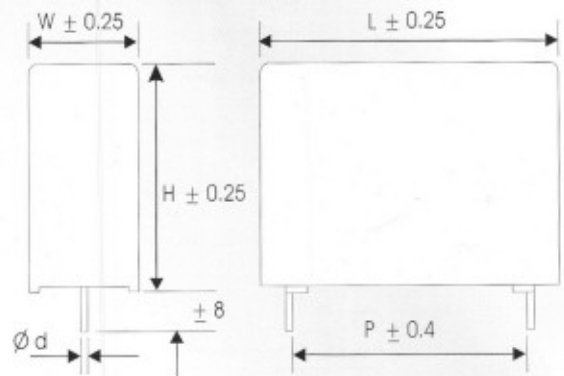
Technical Data

Capacitance range	0.1µF to 0.33 µF
Capacitance tolerance	± 10%, ± 20% (closer tolerance available on request)
Rated DC Voltage (peak to peak)	1000 2000
Rated AC Voltage (rms)	350 600
Dissipation factor (tan δ)	≤ 0.0003 for C ≤ 0.33 µF
at 1 KHz, 20°C	≤ 0.0005 for C > 0.33 µF
Test Voltage between terminals	2 x Rated DC voltage, 2 seconds
Max. permissible ambient temperature	70°C (with rated voltage, rated current)
	85°C (with current derating)
Case	Solvent resistant flame retardant plastic box with epoxy resin sealing
Terminals	Tinned copper wires

Electrical and dimensional data

CµF	Vdc	Vrms	Irms (Amps)		Dimensions				
			up to 70°C	85°C	W	H	L	P	d
0.1	1000	350	5	2.5	13	21.5	33	22.5	0.8
0.22	1000	350	6	3.0	13.5	25	32	27.5	0.8
0.33	1000	350	7	3.5	13.5	25	42	37.5	1.0
0.1	2000	600	7	3.5	13.5	25	42	37.5	1.0

Other values and sizes are available on request



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