

## 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

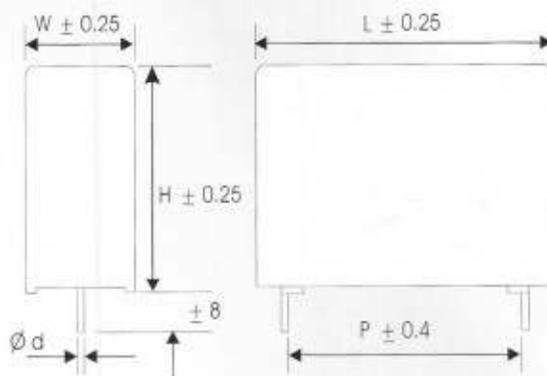
### Technical Data

Capacitance range	0.1 $\mu$ F to 0.33 $\mu$ F
Capacitance tolerance	$\pm 10\%$ , $\pm 20\%$ (closer tolerance available on request)
Rated DC Voltage (peak to peak)	1000    2000
Rated AC Voltage (rms)	350    600
Dissipation factor ( $\tan \delta$ )	$\leq 0.0003$ for $C \leq 0.33 \mu\text{F}$
at 1 KHz, 20°C	$\leq 0.0005$ for $C > 0.33 \mu\text{F}$
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

C $\mu$ F	Vdc	Vrms	I <sub>rms</sub> (Amps)		Dimensions				
			at 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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