

Power Electronic : DC Voltage rated

SEG Range : Polypropylene

The SEG range of capacitors has been designed to offer electronic circuit designers of dc filtering applications an alternative to electrolytic capacitors.

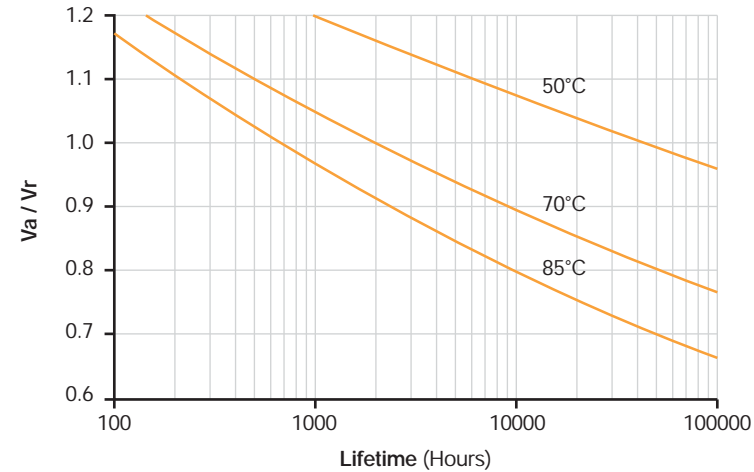
Manufactured from a special metallised polypropylene film, the component offers a very high volumetric efficiency along with very low losses and high current handling capability. The capacitors are housed in a choice of low profile cases, manufactured from material which meets the flammability requirements of UL 94-V0 and flanged for easy fixing.



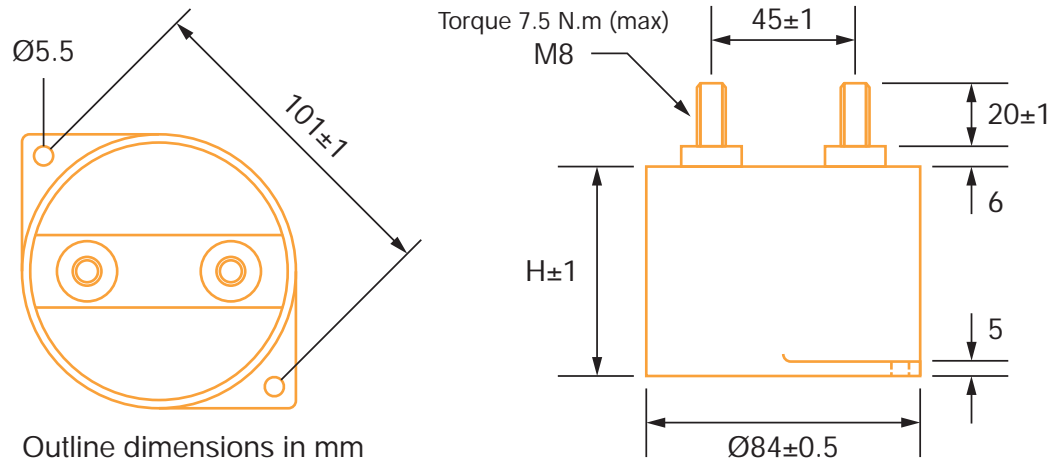
Technical details

Capacitance range	22 - 100 μ F
Tolerance	$\pm 10\%$
Dissipation factor	≤ 0.001 at 1kHz & $20 \pm 3^\circ\text{C}$
Insulation resistance	$\Omega \geq 10,000 \text{ M}\Omega\text{-}\mu\text{F}$ @ 400 Vdc & $20 \pm 3^\circ\text{C}$
Rated voltage	1100 - 1800 Vdc (See graph for expected lifetime)
Temperature range	-55 to $+85^\circ\text{C}$
Environmental category	55/85/56 to EN60068 - 1 (IEC68 - 1)
Proof test voltage	1.25 x rated voltage for 30s. Not to be repeated
RMS current rating	Please contact us for information

Lifetime expectancy



Outline dimensions



Size chart

Capacitance values in μF

Voltage	H=51	H=64
1100	60	100
1400	35	55
1800	22	35

Ordering details

SEG 100 μ K 1100 Vdc



Contact details

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