

PART NUMBER: 126AVG160MGBJ

RADIAL LEAD ALUMINUM POLYMER CAPACITORS

Parts are RoHS compliant

ELECTRICAL SPECIFICATIONS

Capacitance: 12 uF

Dissipation Factor: 0.12 Max at 120 Hz and 20°C

Temperature Range: -55°C to +125°C

ESR: 16.5786 Ohms Max at 20°C and 120 Hz

130 mOhms Max at 20°C and 100 kHz

Impedance: N/A

Tolerance: -20 % , +20 %

WVDC: 160 Volts DC

SVDC: 184 Volts DC

Ripple Current: 960 mA at 100 kHz and 105°C

380mA at 100 kHz and 125°C

Impedance Ratios: -25°C/20°C \leq 1.15

-55°C/20°C \leq 1.25

Leakage Current: 0.2CV

384 uA after 2 Minutes

Load Life: 1500 hours at 125°C with 100 % of rated voltage and with 0 % of rated ripple current

Capacitance Change: \leq 30% of initial measured value

Dissipation Factor Change: \leq 300% of maximum specified value

ESR Change: \leq 300%

Leakage Current: \leq 100% of maximum specified value

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.05	0.05	0.05	0.3	0.07	1

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1	1	1	1	1	1	1	1

PHYSICAL DIMENSIONS

Diameter (D): 10 mm + 0.5 mm

Length (L): 12 mm + 1.5 mm

Lead Spacing (S): 5 mm +/- 0.5 mm

Coating: clear laminate sleeving

Lead Wire Diameter (d): 0.6 mm +/- 0.05 mm

Lead Length: 15 mm +/- Min mm

Lead Finish: Matte Tin

