



APPLICATIONS: Switching regulators and power supplies, input filters

ELECTRICAL SPECIFICATIONS

Capacitance: 1200 μ F
Dissipation Factor: 0.11 Max at 120 Hz and 20°C
Temperature Range: -40°C to +105°C
ESR: 0.152 Ohms Max at 20°C and 120 Hz
Impedance: 0.03Ohms100 kHz20°C
 Ohms100 kHz-10°C

Tolerance: -20 %, +20 %
WVDC: 63 Volts DC
SVDC: 79 Volts DC
Ripple Current: 2600 mA at 100 kHz and 105°C
Impedance Ratios:-25°C/20°C 2 and -40°C/20°C - 3

Leakage Current: .01CV or 3 μ A, whichever is greater
 756 μ A after 2 Minutes

Load Life: 10000 hours at 105°C with 100 % of rated voltage and with 0 % of rated ripple current

Capacitance Change: $\leq$ 25% of initial measured value
Dissipation Factor: $\leq$ 200% of maximum specified value
Leakage Current: $\leq$ 100% of maximum specified value

Frequency Multipliers:

50 HZ	120 HZ	400 HZ	1 KHZ	10 KHZ	100 KHZ
0.5	0.5	0.5	0.85	0.94	1

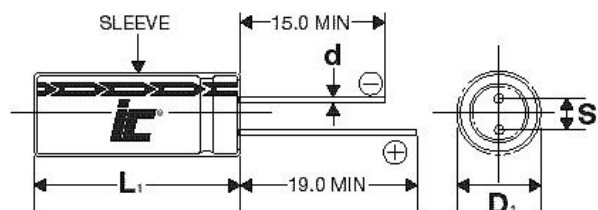
Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2.23	2.17	1.6	1.75	1.4	1.4	1	0

PHYSICAL DIMENSIONS

Diameter (D): 18 mm + 0.5 mm
Length (L): 30 mm + 2 mm
Lead Spacing (S): 7.5 mm +/- 0.5 mm
Coating: BlackPET sleeving

Lead Wire Diameter (d): 0.8 mm +/- 0.05 mm
Lead Length: 15 mm +/- MIN mm
Lead Finish: Matte Tin



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