Aluminum Electrolytic Capacitors

+105°C High Frequency Low Impedance Radial Lead Aluminum Electrolytic Capacitor

Part Number: 127KXM016M

General Specifications (PDF)
Special Order Options
KXM document (PDF)

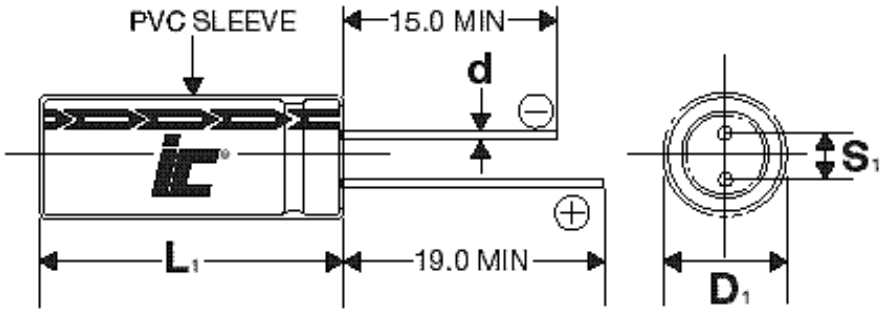
Electrical Specifications

Capacitance: 120.0 uF
Tolerance: -20 %, +20 %
Dissipation Factor: 0.16 at 120 Hz
ESR: 2.211 Ohms at 20° C and 120 Hz
Impedance:
0.13 Ohms at 20°C 100 kHz
0.41 Ohms at -10°C 100 kHz
Impedance Ratios:
2.0 at -25°C/20°C
3.0 at -40°C/20°C
Load Life:
2000 Hours at 105°C with 100% of rated voltage and with 100% of rated ripple current

Temperature Range: -40°C to +105°C
WVDC: 16 volts DC
SVDC: 20. volts DC
Leakage Current:
19.2 uA after 2 Minutes
Ripple Current:
405.0 mA at 100 kHz and 105°C

Physical Specifications

Diameter (D):	6.3 mm + 0.5 mm
Length (L):	11.0 mm + 2.0 mm
Lead Wire Diameter (d):	0.5 mm + 0.05 mm
Lead Spacing:	2.5 mm +/- 0.5 mm
Lead Length:	15 mm



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