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NEW PRODUCTS

Aluminum Electrolytic Capacitors

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

Part Number: 687KXM010M

[General Specifications \(PDF\)](#)

[Special Order Options](#)

[KXM document \(PDF\)](#)



Electrical Specifications

Capacitance: 680.0 μ F
Tolerance: -20 %, +20 %
Dissipation Factor: 0.19 at 120 Hz
ESR: 0.463 Ohms at 20° C and 120 Hz
Impedance:

0.056 Ohms at 20°C 100 kHz

0.17 Ohms at -10°C 100 kHz

Impedance Ratios:

2.0 at -25°C/20°C

3.0 at -40°C/20°C

Load Life:

3000 Hours at 105°C with 100% of rated voltage and
with 100% of rated ripple current

Temperature Range: -40°C to +105°C

WVDC: 10 volts DC

SVDC: 13. volts DC

Leakage Current:

68.0 μ A after 2 Minutes

Ripple Current:

995.0 mA at 100 kHz and 105°C

Physical Specifications

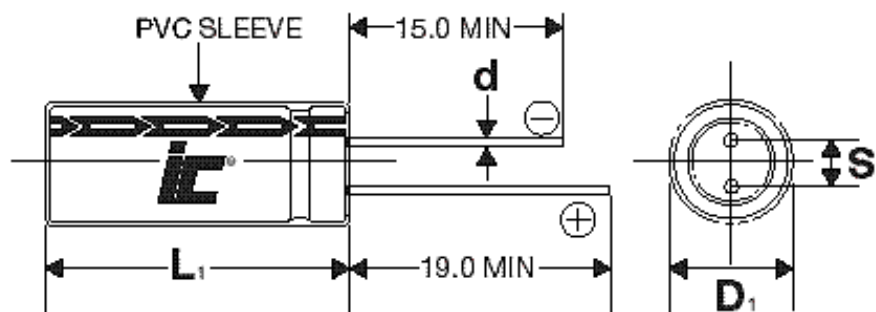
Diameter (D): 8.0 mm + 0.5 mm

Length (L): 15.0 mm + 2.0 mm

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

Lead Spacing: 3.5 mm +/- 0.5 mm

Lead Length: 15 mm



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