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Aluminum Electrolytic Capacitors

+85°C General Purpose Surface Mount Chip Aluminum Electrolytic Capacitors

Part Number: 107SML025M

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

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Electrical Specifications

Capacitance: 100.0 μ F

Tolerance: -20 %, +20 %

Dissipation Factor: 0.16 at 120 Hz

ESR: 2.653 Ohms at 20° C and 120 Hz

Impedance:

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Impedance Ratios:

2.0 at at -25°C/20°C

4.0 at at -40°C/20°C

Load Life:

2000 Hours at 85°C with 100% of rated voltage
and with 0% of rated ripple current

Temperature Range: -40°C to +85°C

WVDC: 25 volts DC

SVDC: 32.0 volts DC

Leakage Current:

75.0 μ A after 2 Minutes

Ripple Current:

145.0 mA at 120 Hz and 85°C

Physical Specifications

Diameter (D): 8.0 mm + 0.5 mm

Length (L): 6.2 mm + 0.3 mm

Lead Spacing: 2.3 mm +/- 0.2 mm

Lead Wire(R): 0.5 mm to 0.8 mm

Base Length(H): 8.3 mm +/- 0.2 mm

Lead to Lead(C): 9.0 mm +/- 0.2 mm

Base Width(W): 8.3 mm +/- 0.2 mm



