



SEARCH OUR PRODUCTS



TECH TOOLS



Aluminum Electrolytic Capacitors

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

Part Number: 108SML010M

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

[Special Order Options](#)

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



Electrical Specifications

Capacitance: 1,000.0 uF
Tolerance: -20 %, +20 %
Dissipation Factor: 0.24 at 120 Hz
ESR: 0.398 Ohms at 20° C and 120 Hz
Impedance:
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Temperature Range: -40°C to +85°C
WVDC: 10 volts DC
SVDC: 13.0 volts DC
Leakage Current:
 100.0 uA after 2 Minutes
Ripple Current:
 450.0 mA at 120 Hz and 85°C

Impedance Ratios:
 3.0 at at -25°C/20°C
 6.0 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

Physical Specifications

Diameter (D): 10.0 mm + 0.5 mm
Length (L): 10.2 mm + 0.5 mm
Lead Spacing: 4.5 mm +/- 0.2 mm
Lead Wire(R): 0.8 mm to 1.1 mm
Base Length(H): 10.3 mm +/- 0.2 mm
Lead to Lead(C): 11.0 mm +/- 0.2 mm
Base Width(W): 10.3 mm +/- 0.2 mm



