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Aluminum Electrolytic Capacitors

+85°C Low Profile Radial Lead Aluminum Electrolytic Capacitors



Part Number: 105RSS050M

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

[Special Order Options](#)

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

Electrical Specifications

Capacitance: 1.0 μ F
Tolerance: -20 %, +20 %
Dissipation Factor: 0.1 at 120 Hz
ESR: 165.786 Ohms at 20° C and 120 Hz
Impedance:
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Temperature Range: -40°C to +85°C
WVDC: 50 volts DC
SVDC: 63. volts DC
Leakage Current:
 3.0 μ A after 2 Minutes
Ripple Current:
 10.0 mA at 120 Hz and 85°C

Impedance Ratios:

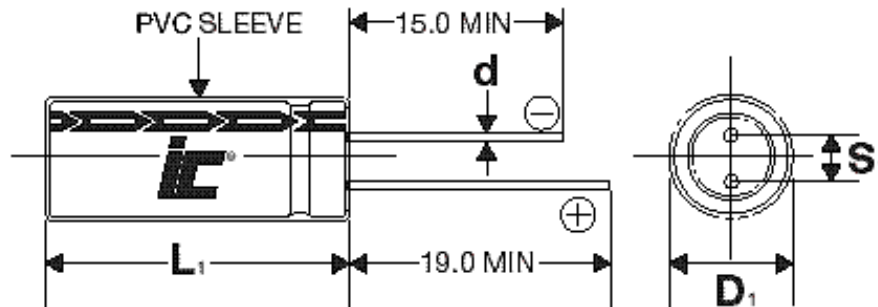
2.0 at -25°C/20°C
 4.0 at -40°C/20°C

Load Life:

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

Physical Specifications

Diameter (D): 4.0 mm + 0.5 mm
Length (L): 7.0 mm + 1.0 mm
Lead Wire Diameter (d): 0.45 mm + 0.05 mm
Lead Spacing: 1.5 mm +/- 0.5 mm
Lead Length: 15 mm



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