



Aluminum Electrolytic Capacitors

+105°C Low Impedance Surface Mount Aluminum Electrolytic

Part Number: 475AXZ050M

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

[Special Order Options](#)

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



Electrical Specifications

Capacitance: 4.7 μ F

Tolerance: -20 %, +20 %

Dissipation Factor: 0.12 at 120 Hz

ESR: 42.328 Ohms at 20° C and 120 Hz

Impedance:

1.52 Ohms at 20°C 100 kHz

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Impedance Ratios:

2.0 at at -25°C/20°C

3.0 at at -55°C/20°C

Load Life:

1000 Hours at 105°C with 100% of rated voltage and with 0% of rated ripple current

Temperature Range: -55°C to +105°C

WVDC: 50 volts DC

SVDC: 63.0 volts DC

Leakage Current:

3.0 μ A after 2 Minutes

Ripple Current:

85.0 mA at 100 kHz and 105°C

Physical Specifications

Diameter (D): 5.0 mm + 0.5 mm

Length (L): 5.8 mm + 0.3 mm

Lead Spacing: 1.4 mm +/- 0.2 mm

Lead Wire(R): 0.5 mm to 0.8 mm

Base Length(H): 5.3 mm +/- 0.2 mm

Lead to Lead(C): 6.0 mm +/- 0.2 mm

Base Width(W): 5.3 mm +/- 0.2 mm

