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NEW PRODUCTS

Aluminum Electrolytic Capacitors

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

Part Number: 227KXM010M

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

[Special Order Options](#)

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



Electrical Specifications

Capacitance: 220.0 μ F
Tolerance: -20 %, +20 %
Dissipation Factor: 0.19 at 120 Hz
ESR: 1.432 Ohms at 20° C and 120 Hz
Impedance:
 0.13 Ohms at 20°C 100 kHz
 0.41 Ohms at -10°C 100 kHz

Impedance Ratios:

2.0 at -25°C/20°C
 3.0 at -40°C/20°C

Load Life:

2000 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:

22.0 μ A after 2 Minutes

Ripple Current:

405.0 mA at 100 kHz and 105°C

Physical Specifications

Diameter (D): 6.3 mm + 0.5 mm
Length (L): 11.0 mm + 2.0 mm
Lead Wire Diameter (d): 0.5 mm + 0.05 mm
Lead Spacing: 2.5 mm +/- 0.5 mm
Lead Length: 15 mm

