

+85°C Snap-in Aluminum Electrolytic Capacitors

Part Number: 159LBA050M2EG



This part is RoHS compliant

Electrical Specifications

Capacitance:

15000 uF

Tolerance:

-20 %, +20 %

Temperature Range:

-40°C to +85°C

Dissipation Factor:

0.2 at 120 Hz

WVDC: 50 volts DC

SVDC: 63 volts DC

ESR:

22.11 milliOhms at 120 Hz and 20°C

Ripple Current:

5.9 A at 120 Hz and 85°C

Impedance:

Impedance Ratios:

-25°C/20°C - 3

-40°C/20°C - 6

Leakage Current:

.02CV or 2000uA, whichever is less
2,000.0 uA after 5 Minutes

Load Life:

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

Frequency Multipliers

50 Hz 120 Hz 400 Hz 1 KHz 10 KHz 100 KHz

0.9 1 1.03 1.05 1.1 1.1

Temperature Multipliers

45°C 60°C 65°C 70°C 75°C 85°C 105°C 125°C

1.25 1.25 1.25 1.14 1.14 1 0 0

Physical Specifications

Diameter (D): 35 mm + 1 mm
Length (L): 45 mm + 2 mm
Lead Wire Diameter (d): 1.5 mm + 0.5 mm
Lead Spacing: 10 mm +/- 1 mm
Lead Length: 6.3 mm
Coating: BLACK PVC Sleeving

