

PART NUMBER: 127LMH400MZBD

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 27



FEATURES

bulk filtering, high current, snap mount leads, 105°C, reduced case size

APPLICATIONS

Filtering, switching power supplies

ELECTRICAL SPECIFICATIONS

Capacitance: 120 μ F

Dissipation Factor: 0.15 Max at 120 Hz and 20°C

Temperature Range: -25°C to +105°C

ESR: 2072.33 milliOhms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 % , +20 %

WVDC: 400 Volts DC

SVDC: 450 Volts DC

Ripple Current: 0.75 A at 120 Hz and 105°C

Impedance Ratios:

-25°C/20°C - 8

Leakage Current: $3\sqrt{CV}$

657 μ A after 5 Minutes

Load Life: 2000 hours at 105°C with 100 % of rated voltage and with 100 % of rated ripple current

Capacitance Change: $\leq 20\%$ of initial measured value

Dissipation Factor: $\leq 200\%$ of maximum specified value

Leakage Current: $\leq 100\%$ of maximum specified value

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.8	1	1	1.3	1.47	1.47

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2	1.9	1.7	1.8	1.4	1.4	1	0

PHYSICAL DIMENSIONS

Diameter (D): 22 mm + 1 mm

Length (L): 30 mm + 2 mm

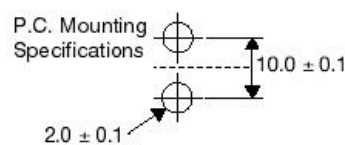
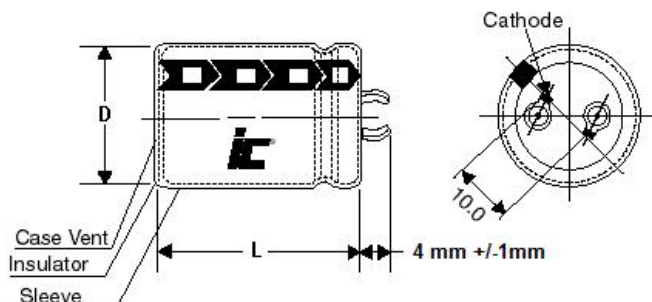
Lead Spacing (S): 10 mm +/- 1 mm

Coating: Dark green PVC sleeving

Lead Wire Diameter (d): 1.5 mm +/- 0.5 mm

Lead Length: 6.3 mm +/- 1 mm

Lead Finish: Matte Tin



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