



189LMH050MZEG

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 15

APPLICATIONS: Filtering, switching power supplies

ELECTRICAL SPECIFICATIONS

Capacitance: 18000 μ F

Dissipation Factor: 0.35 Max at 120 Hz and 20°C

Temperature Range: -40°C to +105°C

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 50 Volts DC

SVDC: 63 Volts DC

Ripple Current: 5.2 A at 120 Hz and 105°C

Impedance Ratios: -25°C/20°C 4 and -40°C/20°C - 15

Leakage Current: $3\sqrt{CV}$

2846.1 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

Frequency Multipliers:

50 HZ	120 HZ	400 HZ	1 KHZ	10 KHZ	100 KHZ
0.9	1	1	1.15	1.25	1.35

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2.5	2.2	2	2	1.8	1.8	1	0

PHYSICAL DIMENSIONS

Diameter (D): 35 mm + 1 mm

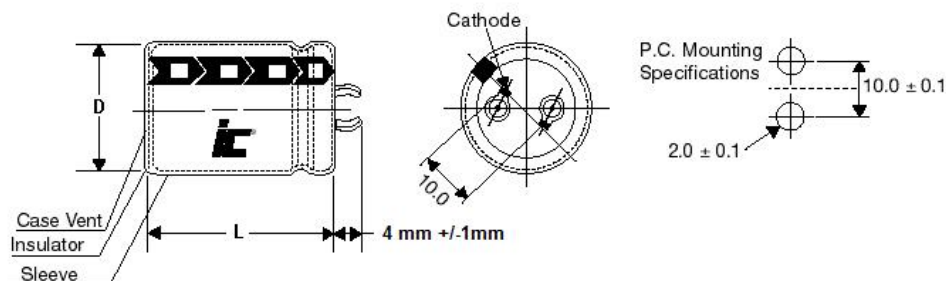
Length (L): 45 mm + 2 mm

Coating: GreenPET sleeving

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

Lead Length: 4 mm +/- 1 mm

Lead Finish: Matte Tin



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