



187LBB450M2EC

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 26

ELECTRICAL SPECIFICATIONS

Capacitance: 180 uF

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

Temperature Range: -40°C to +85°C

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 450 Volts DC

SVDC: 500 Volts DC

Ripple Current: 1.5 A at 120 Hz and 85°C

Impedance Ratios: -25°C/20°C 8 and -40°C/20°C - -

Leakage Current: .02CV or 3000uA, whichever is less
1620 uA after 5 Minutes

Load Life: 3000 hours at 85°C with 100 % of rated voltage and with 0 % of rated ripple current

Capacitance Change: ≤20% of initial measured value

Dissipation Factor: ≤200% of maximum specified value

Leakage Current: ≤100% of maximum specified value

Frequency Multipliers:

50 HZ	120 HZ	400 HZ	1 KHZ	10 KHZ	100 KHZ
0.75	1	1.35	1.57	1.5	2

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	1.7	1.7	1	0

PHYSICAL DIMENSIONS

Diameter (D): 35 mm + 1 mm

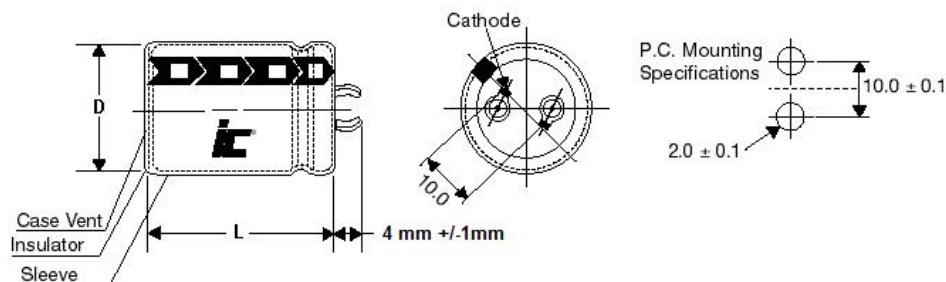
Length (L): 25 mm + 2 mm

Coating: BlackPET sleeving

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

Lead Length: 4 mm +/- 1 mm

Lead Finish: Matte Tin



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