



## 187LBB350M2DC

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: 350 Volts DC

SVDC: 400 Volts DC

Ripple Current: 1.18 A at 120 Hz and 85°C

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

Leakage Current: .02CV or 3000uA, whichever is less  
1260 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): 30 mm + 1 mm

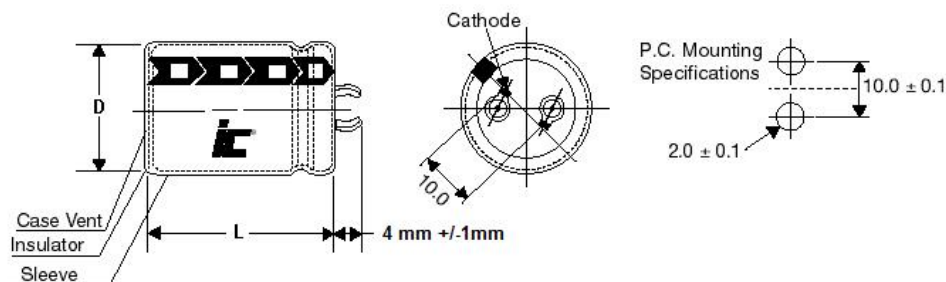
Length (L): 25 mm + 2 mm

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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