



## 128LMB100M2BE

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 1404

### ELECTRICAL SPECIFICATIONS

Capacitance: 1200  $\mu$ F

Dissipation Factor: 0.2 Max at 120 Hz and 20°C

Temperature Range: -40°C to +105°C

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 100 Volts DC

SVDC: 125 Volts DC

Ripple Current: 1.69 A at 120 Hz and 105°C

Impedance Ratios:-25°C/20°C 3 and -40°C/20°C - -

Leakage Current:  $3\sqrt{CV}$

1039.2  $\mu$ A after 5 Minutes

Load Life: 3000 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 |
|-------|--------|--------|-------|--------|---------|
| 0.8   | 1      | 1.1    | 1.15  | 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

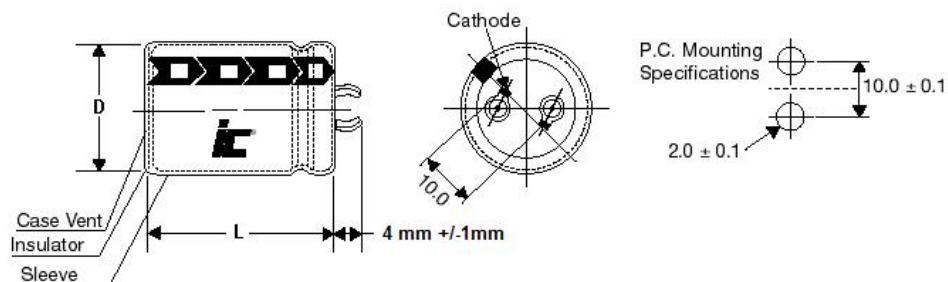
Length (L): 35 mm + 2 mm

Coating: BrownPET 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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