



## 827LBA400M2EH

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 1327

### ELECTRICAL SPECIFICATIONS

Capacitance: 820  $\mu$ F

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

Temperature Range: -40°C to +105°C

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 400 Volts DC

SVDC: 450 Volts DC

Ripple Current: 4 A at 120 Hz and 85°C

Impedance Ratios: -25°C/20°C 8 and -40°C/20°C - 12

Leakage Current: .02CV or 2000 $\mu$ A, whichever is less  
2000  $\mu$ A after 5 Minutes

Load Life: 2000 hours at 85°C with 100 % of rated voltage and with 0 % 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      | 1.3   | 1.41   | 1.43    |

#### Temperature Multipliers:

| 45°C | 60°C | 70°C | 65°C | 75°C | 85°C | 105°C | 125°C |
|------|------|------|------|------|------|-------|-------|
| 1.8  | 1.6  | 1.2  | 1.4  | 1    | 1    | 0     | 0     |

### PHYSICAL DIMENSIONS

Diameter (D): 35 mm + 1 mm

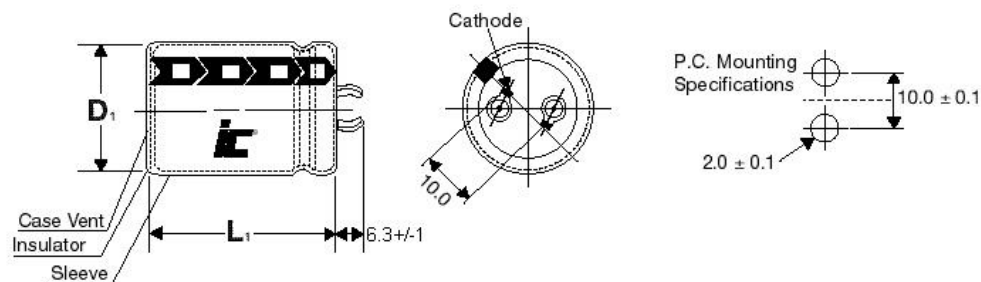
Length (L): 50 mm + 2 mm

Coating: BlackPET 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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