



# 476LBA450M2BC

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 14

## ELECTRICAL SPECIFICATIONS

Capacitance: 47 uF

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

Temperature Range: -25°C to +85°C

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 450 Volts DC

SVDC: 500 Volts DC

Ripple Current: 0.46 A at 120 Hz and 85°C

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

Leakage Current: .02CV or 2000uA, whichever is less  
436.29 uA after 5 Minutes

Load Life: 2000 hours at 85°C with 100 % of rated voltage and with 100 % 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
0.8	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): 22 mm + 1 mm

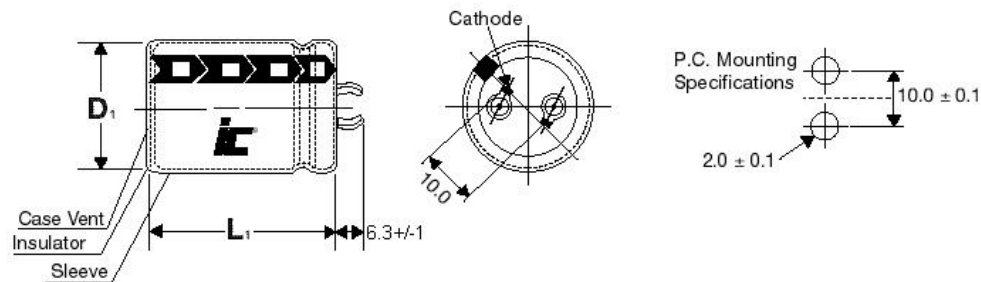
Length (L): 25 mm + 2 mm

Coating: BlackPET sleeving

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

Lead Length: 6.3 mm +/- 1 mm

Lead Finish: Matte Tin



2400 East Devon Avenue Suite 292 Des Plaines, IL 60018 (847) 675-1760 FAX (847) 673-2850  
 Illinois Capacitor (HK) Ltd., Tel: 85227930931, Fax: 85227930731, [www.illcap.com.hk](http://www.illcap.com.hk)  
 © Copyright 2020 Illinois Capacitor. An affiliate of Cornell Dubilier, All Rights Reserved