



## 337BPS100M

RADIAL LEAD BI-POLAR/ NON-POLAR

Parts are RoHS compliant

Date code when parts became RoHS: 23

### ELECTRICAL SPECIFICATIONS

Capacitance: 330 uF

Dissipation Factor: 0.13 Max at 120 Hz and 20°C

Temperature Range: -40°C to +85°C

ESR: 0.653 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 100 Volts DC

SVDC: 125 Volts DC

Ripple Current: 720 mA at 120 Hz and 85°C

Impedance Ratios: -25°C/20°C 2 and -40°C/20°C - 3

Leakage Current: .03CV+3uA

993 uA after 2 Minutes

after

Load Life: 2000 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 |
|-------|--------|--------|-------|--------|---------|
| 0.8   | 1      | 1      | 1.35  | 1.5    | 1.5     |

#### Temperature Multipliers:

| 45°C | 60°C | 70°C | 65°C | 75°C | 85°C | 105°C | 125°C |
|------|------|------|------|------|------|-------|-------|
| 1.8  | 1.7  | 1.4  | 1.6  | 1    | 1    | 0     | 0     |

### PHYSICAL DIMENSIONS

Diameter (D): 18 mm + 0.5 mm

Length (L): 35.5 mm + 2 mm

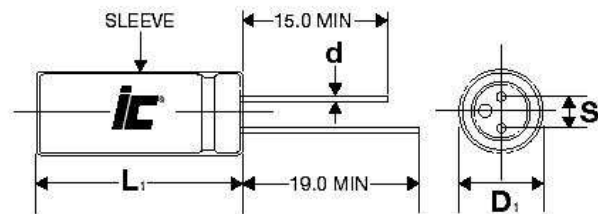
Lead Spacing (S): 7.5 mm +/- 0.5 mm

Coating: BlackPET sleeving

Lead Wire Diameter (d): 0.8 mm +/- 0.05 mm

Lead Length: 15 mm +/- MIN mm

Lead Finish: Matte Tin



3757 W. Touhy Ave. Lincolnwood, IL 60712 (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 2017 Illinois Capacitor. A division of Cornell Dubilier, All Rights Reserved