



# 827LBA160M2DD

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 1404

## ELECTRICAL SPECIFICATIONS

Capacitance: 820 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: 160 Volts DC

SVDC: 200 Volts DC

Ripple Current: 2.64 A at 120 Hz and 85°C

Impedance Ratios:-25°C/20°C 3 and -40°C/20°C - 15

Leakage Current:  $3\sqrt{CV}$

1086.65 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:  $\leq 20\%$  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): 30 mm + 1 mm

Length (L): 30 mm + 2 mm

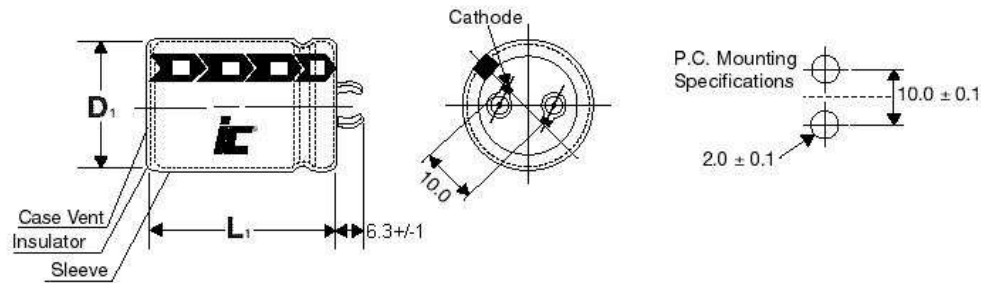
Lead Spacing (S): 10 mm +/- 0.1 mm

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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