



688LBA050M2DD

SNAP-IN/ SNAP MOUNT

Parts are RoHS compliant

Date code when parts became RoHS: 1301

ELECTRICAL SPECIFICATIONS

Capacitance: 6800 μ F

Dissipation Factor: 0.35 Max at 120 Hz and 20°C

Temperature Range: -40°C to +85°C

Impedance: N/A

Tolerance: -20 %, +20 %

WVDC: 50 Volts DC

SVDC: 63 Volts DC

Ripple Current: 3.69 A at 120 Hz and 85°C

Impedance Ratios: -25°C/20°C 4 and -40°C/20°C - 15

Leakage Current: $3\sqrt{CV}$

1749.29 μ A 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

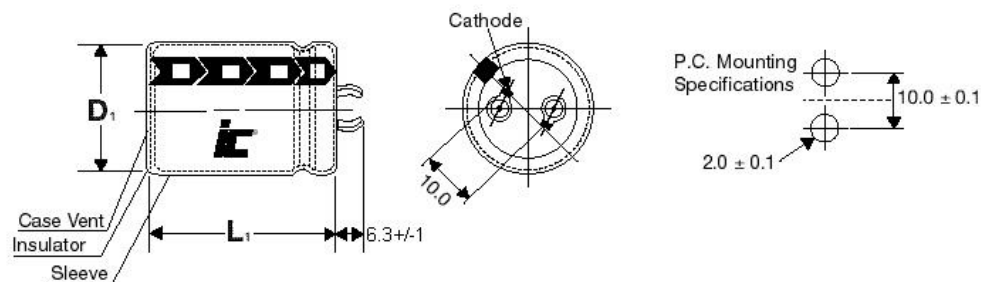
Length (L): 30 mm + 2 mm

Coating: BlackPET sleeving

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

© Copyright 2020 Illinois Capacitor. An affiliate of Cornell Dubilier, All Rights Reserved