



686FSL450XBF

PHOTOFLASH ALUMINUM ELECTROLYTIC CAPACITORS

Parts are RoHS compliant

Date code when parts became RoHS: 1327

APPLICATIONS: Photoflash, strobes, Security systems

ELECTRICAL SPECIFICATIONS

Capacitance: 68 uF

Dissipation Factor: 0.07 Max at 120 Hz and 20°C

Temperature Range: -20°C to +70°C

Impedance: N/A

Tolerance: -20 %, +50 %

WVDC: 450 Volts DC

SVDC: 500 Volts DC

Ripple Current: at and

Impedance Ratios:- and - -

Leakage Current: $3\sqrt{CV}$

524.79 uA after 5 Minutes

Charge/discharge: 1000000 charge/discharge cycles at rated voltage & 5~35C repeating every 30 seconds thru a Xe tube having a discharge resistance of 0.7 to 1 Ohm

Capacitance Change: ≤10% of initial measured value

Dissipation Factor: ≤150% of maximum specified value

Leakage Current: ≤200% of maximum specified value

Frequency Multipliers:

Temperature Multipliers:

50 HZ	120 HZ	400 HZ	1 KHZ	10 KHZ	100 KHZ
1	1	1	1	1	1

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1	1	1	1	1	1	1	0

PHYSICAL DIMENSIONS

Diameter (D): 22 mm + 0.5 mm

Length (L): 40 mm + 2 mm

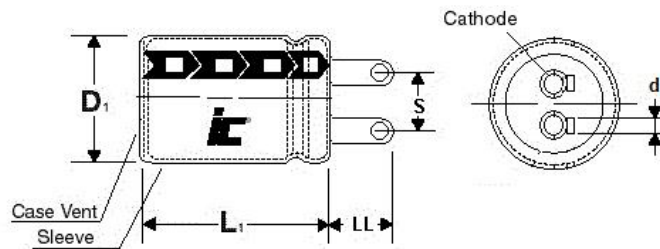
Lead Spacing (S): 10 mm +/- 1 mm

Coating: BlackPVC sleeving

Lead Wire Diameter (d): 4 mm +/- 0.5 mm

Lead Length: 5 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.ilcap.com.hk

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