



686FSL450XCD

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: $\leq 10\%$ of initial measured value

Dissipation Factor: $\leq 150\%$ of maximum specified value

Leakage Current: $\leq 200\%$ 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): 25 mm + 1 mm

Length (L): 30 mm + 2 mm

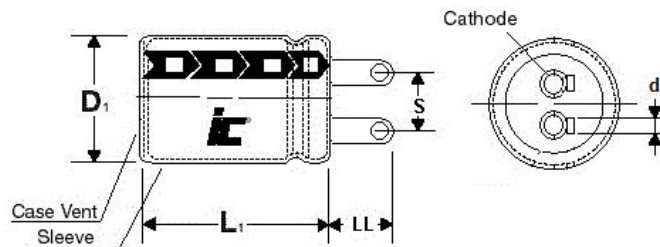
Lead Spacing (S): 10 mm +/- 1 mm

Coating: BlackPVC sleeving

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

Lead Length: 5 mm +/- 1 mm

Lead Finish: Matte Tin



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