



## 258FSB360XGEM

PHOTOFLASH ALUMINUM ELECTROLYTIC CAPACITORS

Parts are RoHS compliant

Date code when parts became RoHS: 28

**APPLICATIONS:** Photoflash, strobes, Security systems

### ELECTRICAL SPECIFICATIONS

**Capacitance:** 2500 uF

**Dissipation Factor:** 0.15 Max at 120 Hz and 20°C

**Temperature Range:** -25°C to +55°C

**Impedance:** N/A

**Tolerance:** -10 %, +20 %

**WVDC:** 360 Volts DC

**SVDC:** 390 Volts DC

**Ripple Current:** at and

**Impedance Ratios:**- and - -

**Leakage Current:** 1°C

2500 uA after 5 Minutes

**Charge/discharge:** 5000 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:** ≤150% of maximum specified value

**Frequency Multipliers:**

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

**Temperature Multipliers:**

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2.5	2.2	2	2	1.8	1.8	1	0

### PHYSICAL DIMENSIONS

**Diameter (D):** 35 mm + 1 mm

**Length (L):** 80 mm + 2 mm

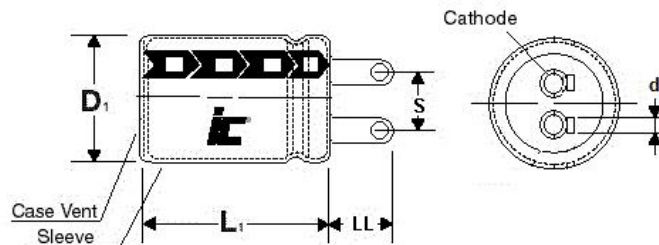
**Lead Spacing (S):** 10 mm +/- 1 mm

**Coating:** BlackPVC sleeving

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

**Lead Length:** 7 mm +/- 1 mm

**Lead Finish:** Matte Tin



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