

# 157FSL360XDE

PHOTOFLASH ALUMINUM ELECTROLYTIC CAPACITORS

**Parts are RoHS compliant**

**Date code when parts became RoHS:** 1327

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

## ELECTRICAL SPECIFICATIONS

**Capacitance:** 150 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:** 360 Volts DC
**SVDC:** 390 Volts DC
**Ripple Current:** at and
**Impedance Ratios:**- and - -

**Leakage Current:** 3√CV
697.14 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:**

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

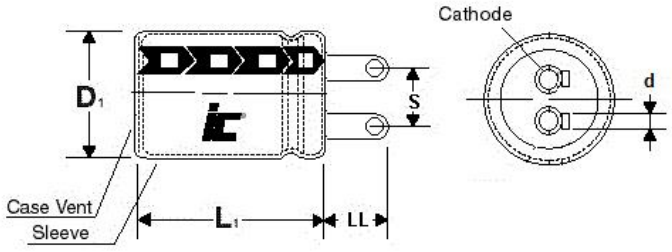
**Temperature Multipliers:**

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

## PHYSICAL DIMENSIONS

**Diameter (D):** 30 mm + 1 mm
**Length (L):** 35 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




ILLINOIS CAPACITOR

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