

506FSR300XGJG

PHOTOFLASH ALUMINUM ELECTROLYTIC CAPACITORS

Parts are RoHS compliant

Date code when parts became RoHS: 1327

APPLICATIONS: Photoflash, strobes, Security systems

ELECTRICAL SPECIFICATIONS

Capacitance: 50 uF

Dissipation Factor: 0.06 Max at 120 Hz and 20°C

Temperature Range: -20°C to +55°C

Impedance: N/A

Tolerance: -20 %, +50 %

WVDC: 300 Volts DC

SVDC: 320 Volts DC

Ripple Current: at and

Impedance Ratios: - and - -

Leakage Current: 1°C

50 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
1	1	1	1	1	1	1	0

PHYSICAL DIMENSIONS

Diameter (D): 10 mm + 0.3 mm

Length (L): 20 mm + 0.5 mm

Lead Spacing (S): 10 mm +/- 0.5 mm

Coating: BlackPVC sleeving

Lead Wire Diameter (d): 0.6 mm +/- 0.05 mm

Lead Length: 15 mm +/- MIN mm

Lead Finish: Matte Tin

