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## Aluminum Electrolytic Capacitors

### +105°C Standard Radial Lead Aluminum Electrolytic Capacitors

Part Number: 338CKE050M

[General Specifications \(PDF\)](#)

[Special Order Options](#)

[CKH\\_CKE document \(PDF\)](#)



### Electrical Specifications

**Capacitance:** 3,300.0 uF  
**Tolerance:** -20 %, +20 %  
**Dissipation Factor:** 0.16 at 120 Hz  
**ESR:** 0.08 Ohms at 20° C and 120 Hz  
**Impedance:**  
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**Temperature Range:** -55°C to +105°C

**WVDC:** 50 volts DC

**SVDC:** 63. volts DC

**Leakage Current:**  
 1,650.0 uA after 1 Minute

**Ripple Current:**  
 1,780.0 mA at 120 Hz and 105°C

### Impedance Ratios:

2.0 at -25°C/20°C

3.0 at -40°C/20°C

### Load Life:

2000 Hours at 105°C with 100% of rated voltage and with 0% of rated ripple current

### Physical Specifications

**Diameter (D):** 18.0 mm + 0.5 mm

**Length (L):** 35.5 mm + 1.5 mm

**Lead Wire Diameter (d):** 0.8 mm + 0.05 mm

**Lead Spacing:** 7.5 mm +/- 0.5 mm

**Lead Length:** 15 mm

