

**+85°C Standard Miniature Radial Lead Aluminum Electrolytic Capacitors**



**Part Number: 336CKS400M**

This part is RoHS compliant

**Electrical Specifications**

**Capacitance:**

33 uF

**Tolerance:**

-20 %, +20 %

**Temperature Range:**

-40°C to +85°C

**Dissipation Factor:**

0.2 at 120 Hz

**WVDC:** 400 volts DC

**SVDC:** 450 volts DC

**ESR:**

10.048 Ohms at 120 Hz and 20°C

**Ripple Current:**

200 mA at 120 Hz and 85°C

**Impedance:**

**Impedance Ratios:**

-25°C/20°C - 6

-40°C/20°C - 6

**Leakage Current:**

.03CV or 4uA, whichever is greater  
436.0 uA after 1 Minute

**Load Life:**

2000 Hours at 85°C with 100% of rated voltage and with 0% of rated ripple current

**Frequency Multipliers**

50 Hz 120 Hz 400 Hz 1 KHz 10 KHz 100 KHz

0.85 1 1.1 1.2

**Temperature Multipliers**

45°C 60°C 65°C 70°C 75°C 85°C 105°C 125°C

1.25 1.25 1.25 1.14 1.14 1 0 0

**Physical Specifications**

**Diameter (D):** 16 mm + 0.5 mm  
**Length (L):** 25 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  
**Coating:** BLACK PVC Sleeving

