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## Aluminum Electrolytic Capacitors

### +85°C Standard Radial Lead Aluminum Electrolytic Capacitors

Part Number: 477CKS035M

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

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[CKR\\_CKS document \(PDF\)](#)



#### Electrical Specifications

**Capacitance:** 470.0  $\mu$ F  
**Tolerance:** -20 %, +20 %  
**Dissipation Factor:** 0.12 at 120 Hz  
**ESR:** 0.423 Ohms at 20° C and 120 Hz  
**Impedance:**  
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**Temperature Range:** -40°C to +85°C  
**WVDC:** 35 volts DC  
**SVDC:** 44. volts DC  
**Leakage Current:**  
 495.0  $\mu$ A after 1 Minute  
**Ripple Current:**  
 645.0 mA at 120 Hz and 85°C

#### Impedance Ratios:

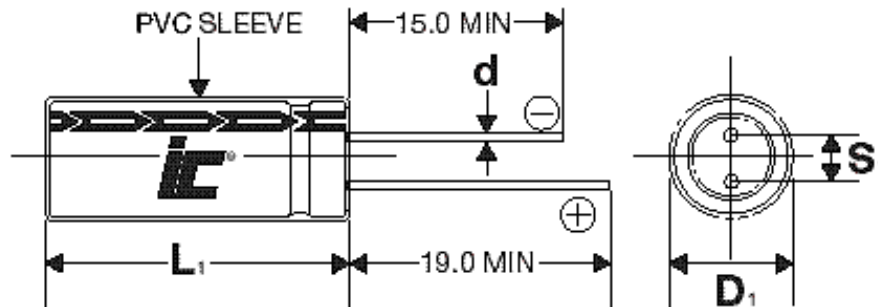
2.0 at -25°C/20°C  
 4.0 at -40°C/20°C

#### Load Life:

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

#### Physical Specifications

**Diameter (D):** 10.0 mm + 0.5 mm  
**Length (L):** 16.0 mm + 1.5 mm  
**Lead Wire Diameter (d):** 0.6 mm + 0.05 mm  
**Lead Spacing:** 5.0 mm +/- 0.5 mm  
**Lead Length:** 15 mm



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