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## Aluminum Electrolytic Capacitors

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



**Part Number: 108TTA050M**

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

[Special Order Options](#)

[TTA document \(PDF\)](#)

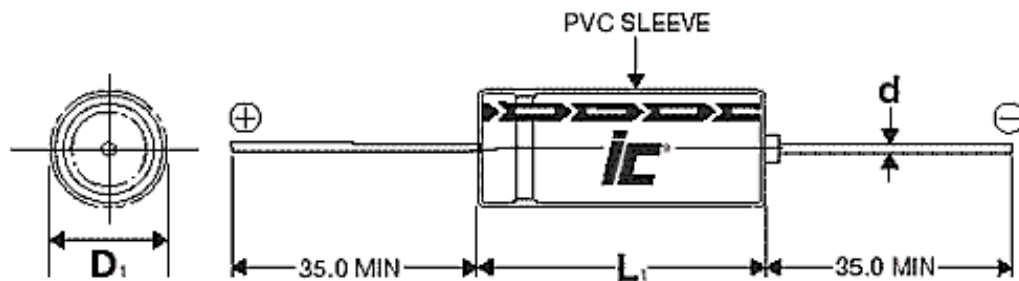
#### Electrical Specifications

**Capacitance:** 1,000.0  $\mu$ F  
**Tolerance:** -20 %, +20 %  
**Dissipation Factor:** 0.1 at 120 Hz  
**ESR:** 0.166 Ohms at 20° C and 120 Hz  
**Impedance:**  
 - and -  
 - and -  
**Impedance Ratios:**  
 2.0 -25°C/20°C  
 3.0 -40°C/20°C  
**Load Life:**  
 2000 Hours at 85°C with 100% of rated voltage and with 0% of rated ripple current

**Temperature Range:** -40°C to +85°C  
**WVDC:** 50 volts DC  
**SVDC:** 63. volts DC  
**Leakage Current:**  
 1,500.0  $\mu$ A after 1 Minute  
**Ripple Current:**  
 1,255.0 mA at 120 Hz and 85°C

#### Physical Specifications

**Diameter (D):** 16.0 mm + 0.5 mm  
**Length (L):** 30.0 mm + 1.0 mm  
**Lead Wire Diameter (d):** 0.8 mm + 0.05 mm  
**Lead Length:** 35mm



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