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## Aluminum Electrolytic Capacitors

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



**Part Number: 105TTA450M**

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

[Special Order Options](#)

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

### Electrical Specifications

**Capacitance:** 1.0  $\mu$ F

**Tolerance:** -20 %, +20 %

**Dissipation Factor:** 0.25 at 120 Hz

**ESR:** 414.466 Ohms at 20° C and 120 Hz

**Impedance:**

- and -

- and -

**Impedance Ratios:**

5.0 -25°C/20°C

0.0 -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:** 450 volts DC

**SVDC:** 500. volts DC

**Leakage Current:**

85.0  $\mu$ A after 1 Minute

**Ripple Current:**

16.0 mA at 120 Hz and 85°C

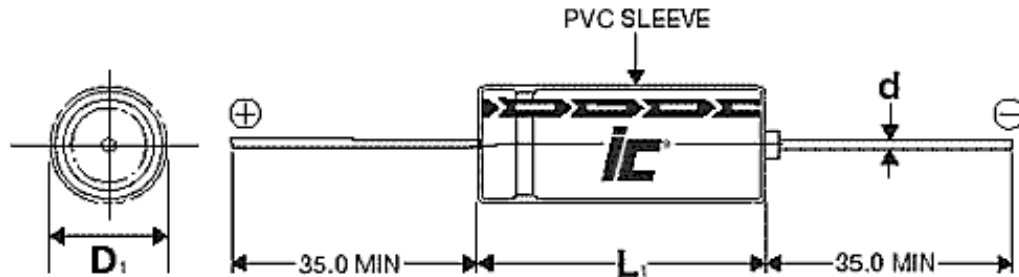
### Physical Specifications

**Diameter (D):** 8.0 mm + 0.5 mm

**Length (L):** 16.0 mm + 2.0 mm

**Lead Wire Diameter (d):** 0.6 mm + 0.05 mm

**Lead Length:** 35mm



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