

PART NUMBER: 106RLS035M

+85°C, LOW LEAKAGE 2000 HOURS

PARTS ARE ROHS COMPLIANT

FEATURES

Radial lead, Low leakage current

ELECTRICAL SPECIFICATIONS

Capacitance: 10 μ F

Dissipation Factor: 0.12 Max at 120 Hz

Temperature Range: -40°C to +85°C

ESR: 19.894 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 % , +20 %

WVDC: 35 Volts DC

SVDC: 44 Volts DC

Ripple Current: 57 mA at 120 Hz and 85°C

Impedance Ratios: -25°C/20°C - 2
-40°C/20°C - 3

Leakage Current: .002CV or .4 μ A, whichever is greater 0.7 μ A after 2 Minutes

Load Life: 2000 hours at 85°C with 100 % of rated voltage and with 0 % of rated ripple current

Max Capacitance Change: $\leq$ 20% of initially measured value

Dissipation Factor Change: $\leq$ 200% of maximum specified value

Leakage Current: $\leq$ 100% of maximum specified value

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.8	1	1	1.15	1.25	1.25

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1.25	1.25	1.14	1.25	1.14	1	0	0

PHYSICAL DIMENSIONS

Diameter (D): 5 mm +/- 0.5 mm

Length (L): 11 mm, +/- 1 mm

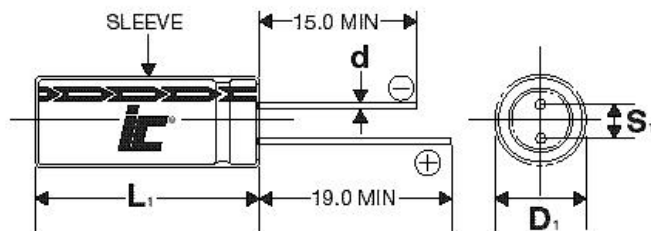
Lead Spacing (S): 2 mm, +/- 0.5 mm

Lead Wire Diameter (d): 0.5 mm, +/- 0.05 mm

Lead Length (LL): 15 mm, +/- MIN mm

Lead Finish: Matte Tin

Coating: BLUE PVC sleeving



3757 W. Touhy Ave. Lincolnwood, IL 60712 (847)-675-1760 FAX (847)-673-2850
Illinois Capacitor (HK) Ltd., Tel: 85227930931, Fax: 85227930731, www.ilcap.com.hk
© 2012 Illinois Capacitor