

PART NUMBER: 106CKS250MLN

RADIAL LEAD GENERAL PURPOSE

Parts are RoHS compliant

Date code when parts became RoHS: 15



FEATURES

small size, low cost

APPLICATIONS

General Purpose, bypass, coupling, filtering

ELECTRICAL SPECIFICATIONS

Capacitance: 10 μ F

Dissipation Factor: 0.2 Max at 120 Hz and 20°C

Temperature Range: -25°C to +85°C

ESR: 33.157 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 % , +20 %

WVDC: 250 Volts DC

SVDC: 300 Volts DC

Ripple Current: 105 mA at 120 Hz and 85°C

Impedance Ratios:

-25°C/20°C - 4

-40°C/20°C - -

Leakage Current: .03CV+40 μ A

85 μ A after 2 Minutes

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

Capacitance Change: $\leq$ 20% of initial measured value

Dissipation Factor: $\leq$ 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
0.75	1	1.25	1.5	1.75	1.8

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1.8	1.7	1.4	1.6	1	1	0	0

PHYSICAL DIMENSIONS

Diameter (D): 10 mm + 0.5 mm

Length (L): 20 mm + 2 mm

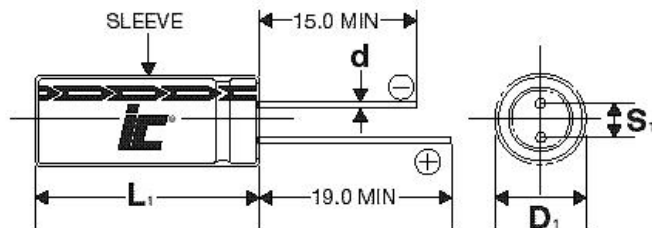
Lead Spacing (S): 5 mm +/- 0.5 mm

Coating: BLACK PVC sleeving

Lead Wire Diameter (d): 0.6 mm +/- 0.05 mm

Lead Length: 15 mm +/- MIN mm

Lead Finish: Matte Tin



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