



107DER2R5SBG

Radial lead, +70°C

Parts are RoHS compliant

ELECTRICAL SPECIFICATIONS

Capacitance: 100 F

Temperature Range: -25°C to +70°C

ESR (AC): 25 milliOhms Max at 20°C and 1 kHz

ESR (DC): 35 milliOhms Max at 20°C and DC

Tolerance: -20 % , +50 %

WVDC: 2.5 Volts DC

SVDC: 2.7 Volts DC

Weight: 19.56 grams

Maximum stored energy: 86.806 Watt hours

Volume: 17.106 ml

Maximum Current: 27.8 Amps (1 second discharge to 1/2 the rated voltage)

Operating Current: 25 Amps (5 sec discharge to 1/2 rated voltage)

Leakage Current: 0.3 mA after 72 hours

Specific Energy:

Specific Power:

Gravimetric Density: 4.4379 Wh/kg

Volumetric Density: 5.0746 Wh/l

Gravimetric Density: 1.0955 kW/kg

Volumetric Density: 1.2527 kW/l

Load Life: 1000 hours at 70°C with 100% of rated voltage applied

Max Capacitance Change: ≤30% of initially measured value

ESR Change: ≤200% of maximum specified value

PHYSICAL DIMENSIONS

Diameter (D): 22 mm, +/- 0.5 mm

Length (L): 45 mm, +/- 1.5 mm

Height (H): mm, +/- mm

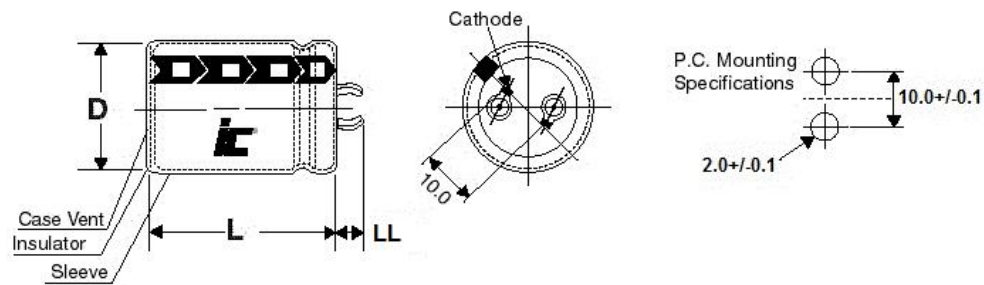
Thickness (T): mm, +/- mm

Termination Finish: Matte Tin

Lead Spacing (S): 10 mm, +/-0.5 mm

Lead Diameter (d): mm, +/- mm

Lead Length (LL): 4mm, +/- 1 mm



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