

PART NUMBER: 607DCR2R3SDZ

RADIAL LEAD, HIGH ENERGY

PARTS ARE ROHS COMPLIANT

ELECTRICAL SPECIFICATIONS

Capacitance: 600 F

Temperature Range: -25°C to +70°C

ESR: 15 milliOhms at 20°C and 1 kHz

ESR (DC): 20 milliOhms at DC and 20°C

Weight: 67.15 grams

Maximum stored energy: 440.8333 Watt hours

Maximum Current: 53.08 Amps (1 second discharge to 1/2 the rated voltage)

Operating Current: 40.59 Amps (5 sec discharge to 1/2 rated voltage)

Leakage Current: 4 mA after 72 hours

SPECIFIC ENERGY

Gravimetric Density: 6.5649 Wh/kg

Volumetric Density: 10.394 Wh/l

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

Max Capacitance Change: $\leq 30\%$ of initially measured value

ESR Change: $\leq 200\%$ of maximum specified value

Tolerance: -15 % , +10 %

WVDC: 2.3 Volts DC

SVDC: 2.5 Volts DC

Volume: 42.412 ml

SPECIFIC POWER

Gravimetric Density: 0.473 kW/kg

Volumetric Density: 0.7484 kW/l

PHYSICAL DIMENSIONS

Diameter (D): 30 mm +/- 1 mm

Length (L): 60 mm, +/- 2 mm

Termination Finish: Matte Tin

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

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

Coating: BLACK PET sleeving

