

ILLINOIS CAPACITOR INC.

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

IC Part Number: 407DER2R5SWEZ

Radial lead Supercapacitors
Parts are RoHS compliant: Yes

Electrical Specifications

Capacitance:
400 F

Tolerance:
+50 %, -20 %

TEMPERATURE RANGE:
-25°C to +70°C

Maximum stored energy:
0.347 Watt hours

ESR (AC):
10 milliOhms at 1 kHz, 20°C
voltage)

Load Life:
1000 hours at 60°C and 100 % of rated voltage
applied

WVDC:
2.5 Volts DC

SVDC:
2.7 Volts DC

Leakage Current:
1.2 mA after applying rated voltage for 72 hours at
room temperature

Max Capacitance change: ≤30% of initially measured value
ESR change: ≤400% of maximum specified value

Physical Dimensions:

Diameter (D): 35 mm, + 1 mm
Length (L): 60 mm, + 2 mm
Lead Spacing (S): 10 mm
Lead Length (LL): 6.3 mm, +/- 1 mm
Sleeving : BLACK PET sleeving
Termination Finish: Matte Tin

