



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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ILLINOIS CAPACITOR INC.

10/22/2014X

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

