

## CEAC SERIES

Gold Capacitors | Ultra Capacitors



## ■ Features

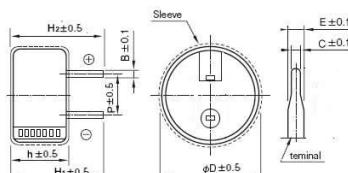
- Wide temperature range
- Quick charge & discharge
- RoHS compliant
- Computer & peripherals
- DSL modems & routers
- Automatic meter reader



Items	Characteristics					
Rated Voltage	5.5V					
Operating Temperature Range	-40 ~ +85°C					
Surge Voltage	6.0V					
Capacitance Range	0.1~1.0 F					
Capacitance Tolerance (25°C)	-20~+80%					
Temperature Characteristics	The specifications shall be met at category temperature range from -45°C to 85°C	<table border="1"> <tr> <td>Capacitance range</td><td>Within 30% of the value at 25°C</td></tr> <tr> <td>ESR</td><td>Less than 2 times of the initial specified value</td></tr> </table>	Capacitance range	Within 30% of the value at 25°C	ESR	Less than 2 times of the initial specified value
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ESR	Less than 2 times of the initial specified value					
High Temperature Loaded	The specifications shall be met after rated voltage applied at 85°C for 1000 hours	<table border="1"> <tr> <td>Capacitance range</td><td>Within 30% of the initial value</td></tr> <tr> <td>ESR</td><td>Less than 4 times of the initial specified value</td></tr> </table>	Capacitance range	Within 30% of the initial value	ESR	Less than 4 times of the initial specified value
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High Temperature Storage	The specifications shall be met after storage at 85 °C for 1000 hours	<table border="1"> <tr> <td>Capacitance range</td><td>Within 30% of the initial value</td></tr> <tr> <td>ESR</td><td>Less than 4 times of the initial specified value</td></tr> </table>	Capacitance range	Within 30% of the initial value	ESR	Less than 4 times of the initial specified value
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## Dimensions

mm



C-TYPE

## Standard Ratings for CEAC Series

UR (Surge Voltage) Code	Rated Cap. 25°C,	ESR <sub>AC</sub> (1KHz)	Leakage Current (72hrs)	Size								P/N
				D	h	P	H <sub>1</sub>	H <sub>2</sub>	B	C	E	
(v)	(F)	(Ω)	(mA)									-
5.5	0.1	75	0.003	13.5	9.0	5.0	14.5	15.5	0.4	0.8	1.2	CEAC5R5104ZC135050
	0.22	75	0.003	13.5	9.0	5.0	14.5	15.5	0.4	0.8	1.2	CEAC5R5224ZC135050
5R5	0.33	50	0.005	13.5	9.0	5.0	14.5	15.5	0.4	0.8	1.2	CEAC5R5334ZC135050
	0.68	30	0.008	20.5	9.5	5.0	14.5	15.5	0.4	0.8	1.2	CEAC5R5684ZC205050
C-TYPE	1.0	30	0.010	20.5	9.5	5.0	14.5	15.5	0.4	0.8	1.2	CEAC5R5105ZC205050