

CEDA SERIES



■ Features

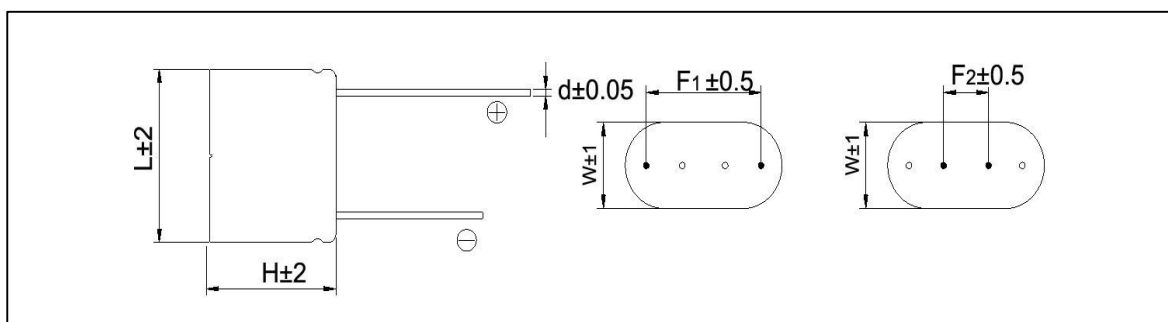
- Double cells in series
- Higher voltage
- RoHS compliant
- Consumer electronic
- AMR
- DC-DC converters



Items	Characteristics			
Rated Voltage	5.5V			
Operating Temperature Range			-40~+65℃	(-40~+85℃@4.6V)
Surge Voltage	5.7V			
Capacitance Range	0.5~5 F			
Capacitance Tolerance (25℃)	-10~+30%			
Temperature Characteristics	The specifications shall be met at category temperature range from -40℃ to 65℃		Capacitance range	Within 30% of the value at 25℃
			ESR	Less than 2 times of the initial specified value
High Temperature Loaded	The specifications shall be met after rated voltage applied at 65℃ for 1000 hours		Capacitance range	Within 30% of the initial value
			ESR	Less than 2 times of the initial specified value
High Temperature Storage	The specifications after storage at hours	shall be met for 1000 65℃	Capacitance range	Within 30% of the initial value
			ESR	Less than 2 times of the initial specified value
Cycle Life	The specifications shall be met after 500,000 cycles at 25℃ , cycle of charge/discharge from V _R to 1/2V _R		Capacitance range	Within 30% of the initial value
			ESR	Less than 2 times of the initial specified value

Dimensions

mm



Standard Ratings for CEDA Series

U _R (Surge Voltage) Code	Rated Cap. 25°C, (F)	Impedance		Leakage Current (72hrs)	Size WxLx H	F	d	P/N
		ESR _{DC}	ESR _{AC} (1KHz)					
(v)	(F)	(mΩ)	(mΩ)	(mA)	(mm)	(mm)	(mm)	-
5.5 (5.7) 5R5	0.5	800	400	0.008	8.5 x 17 x 17	12/5.0	0.6	CEDA5R504V081717
	1	500	260	0.010	8.5 x 17 x 17	12/5.0	0.6	CEDA5R5105V081717
	1.5	300	160	0.012	8.5 x 17 x 23	12/5.0	0.6	CEDA5R5155V081723
	2.5	260	140	0.016	10x 20 x 22	15.5/5.5	0.6	CEDA5R5255V102022
	3.5	160	110	0.02	10x 20x 22	15.5/5.5	0.6	CEDA5R5355V102022
	5	120	80	0.03	10x 20x 27	18/8.0	0.6	CEDA5R5055V102027