

Green-Cap (ELECTRIC DOUBLE LAYER CAPACITORS)



Threaded Terminal Type,
High Power Density Type

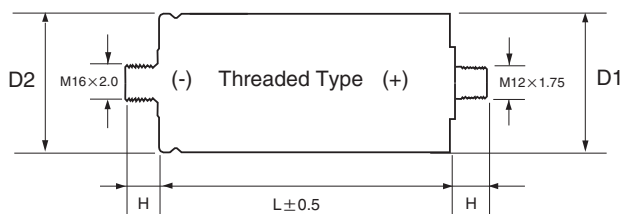
- High Power Density
- Rapid charge and discharge
- Ultra-low internal resistance



Item	Characteristics	
Operating temperature range	-40 ~ 65°C	
Rated Voltage	2.7 VDC	
Capacitance tolerance	0% ~ +20%	
Low temperature characteristics	Capacitance change	Within $\pm 5\%$ of initial value at +20°C
	Internal resistance	Within 150% of initial value at +20°C
Endurance (65°C)	Test time	1000 hours
	Capacitance change	Within $\pm 30\%$ of initial specified value
	Internal resistance	Less than 100% of initial specified value
Shelf life (70°C)	After 1000 hours no load test same as endurance	
Life Time at RT ⁽¹⁾	10 years	(1) $I\Delta C I < 30\%$ and $\Delta ESR < 200\%$ of initially specified value, respectively and $LC < \text{specified value}$
Cycle Life (25°C) ⁽¹⁾⁽²⁾	500,000 cycles	(2) Cycle : between rated voltage and half rated voltage under constant current at 25°C

● DRAWING

Unit : mm



Size(mm)		
H	D1	D2
(± 0.2)	(± 0.2)	(± 0.5)
3.5	$\varnothing 60.4$	$\varnothing 60.7$

● CHARACTERISTIC LIST & DIMENSIONS

Rated Voltage	Capacitance (F)	ESR, 1KHz (mΩ)	ESR, DC (mΩ)	LC (72hr) (mA Max.)	Max Continuous Current(A)	Max Peak Current(A)	Specific Energy		Weight (g)	Volume (ml)	Dimension $\varnothing D \times L$ (mm)
							(Wh/kg)	(Wh/L)			
2.7	650	0.50	0.70	1.5	34	577	2.99	4.50	220	146	60.4 × 51
	1200	0.38	0.50	2.7	63	955	3.86	5.73	315	212	60.4 × 74
	1600	0.34	0.45	3.0	85	1233	4.63	6.65	350	244	60.4 × 85
	2000	0.26	0.35	4.2	106	1588	4.94	6.93	410	292	60.4 × 102
	3000	0.21	0.28	5.2	150	1975	5.63	7.68	540	395	60.4 × 138