

# Green-Cap (ELECTRIC DOUBLE LAYER CAPACITORS)

**DH** Weldable Terminal Type,  
High Power Density Type

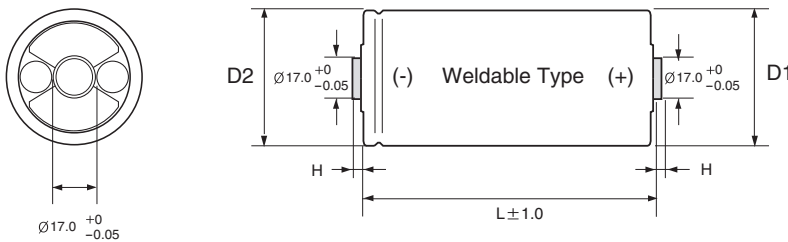
- High Power Density
- Rapid charge and discharge
- Ultra-low internal resistance



Item	Characteristics	
Operating temperature range	-40 ~ +65°C	
Rated Voltage	2.7 VDC	
Capacitance tolerance	0% ~ +20%	
Temperature characteristics	Capacitance change	Within ±5% of initial value at +20°C
	Internal resistance	Within 150% of initial value at +20°C
Endurance (65°C)	Test time	1500 hours
	Capacitance change	Within ±30% of initial specified value
	Internal resistance	Less than 100% of initial specified value
Shelf life (70°C)	After 1500 hours no load test same as endurance	
Life Time at RT <sup>(1)</sup>	10 years	(1) IΔCI < 30% and ΔESR < 200% of initially specified value, respectively and LC < specified value
Cycle Life (25°C) <sup>(1)(2)</sup>	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)
3.0	∅60.4	∅60.7

## ● CHARACTERISTIC LIST & DIMENSIONS

Rated Voltage	Capacitance (F)	ESR, 1KHz (mΩ)	ESR, DC (mΩ)	LC (72hr) (mA)	Max Continuous Current(A)	Max Peak Current(A)	Specific Energy		Weight (g)	Volume (ml)	Dimension ∅D×L(mm)
							(Wh/kg)	(Wh/L)			
2.7	1200	0.35	0.50	2.7	63	955	4.19	5.73	290	212	60.4 × 74
	1600	0.30	0.45	3.0	85	1233	4.98	6.65	325	244	60.4 × 85
	2000	0.25	0.35	4.2	106	1588	5.26	6.93	385	292	60.4 × 102
	3000	0.20	0.28	5.2	150	1975	5.90	7.68	515	395	60.4 × 138