

Large Capacitance, High Power Type Capacitors

GREEN CAP

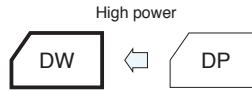
65°C

2.7V

- Because it is large capacitance and low resistance, most suitable for such as energy regeneration, and a large current discharge use.
- Pollution-Free ; with no pollutants such as Cd or Pb.
- Unlike batteries, excellent charge and discharge characteristics with no chemical reaction.



Marking color : White print on a black sleeve

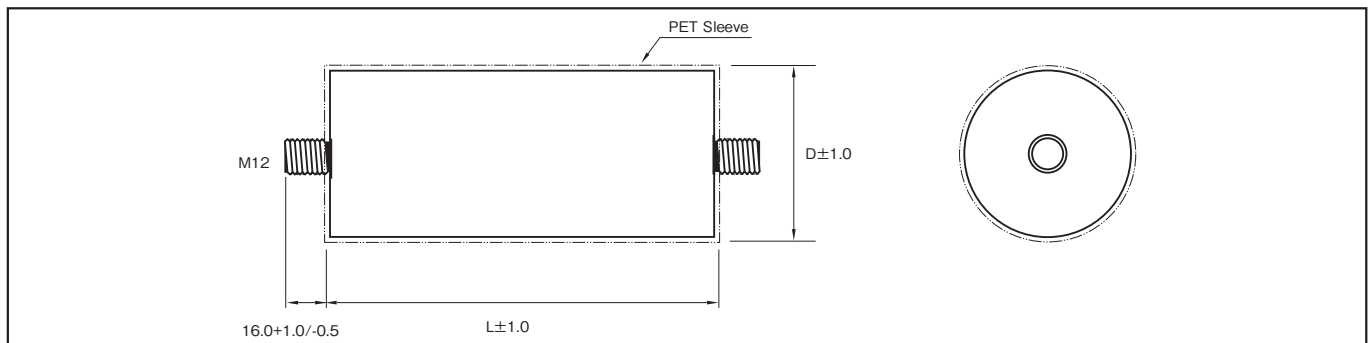


Specifications

Item	Performance	
Category temperature range (°C)	-40 to +65	
Tolerance at rated capacitance (%)	0 to +30	
Internal DC resistance	Refer to the Standard Ratings	
Characteristics at high and low temperature	Percentage of capacitance change	Within ±30% of the value at 20°C
	Internal DC resistance	Less than three times of the value at 20°C
Endurance (65°C)	Test time	1500 hours
	Percentage of capacitance change	Within ±20% of the initial measured value
	Internal DC resistance	Less than three times of the initial specified value
Shelf life (65°C)	Test time : 1500hours ; same as endurance.	
Applicable standards	Conforms to JIS C5160-1 2009 (IEC 62391-1 2006)	

Outline Drawing

Unit : mm



Part numbering system (example : 2.7V3000F)

DW	—	2R7	D	308	DE0	T
Series code		Max. operating voltage symbol		Rated capacitance symbol	Casing symbol	

Part number is refer to the following table.

Standard Ratings

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	φD × L (mm)	Internal DC resistance
2.7	650	DW-2R7D657D52T	61 × 52	3.2
2.7	1200	DW-2R7D128D74T	61 × 74	1.7
2.7	1500	DW-2R7D158D85T	61 × 85	1.4
2.7	2000	DW-2R7D208DA0T	61 × 102	1.0
2.7	3000	DW-2R7D308DE0T	61 × 138	0.70

NOTE : Design, Specifications are subject to change without notice. It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.