

**For Low Temperature Type Capacitors**

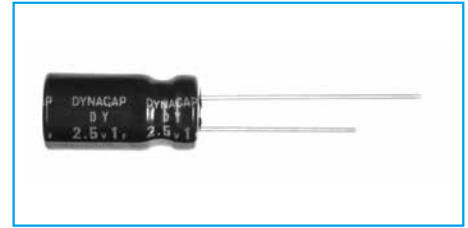
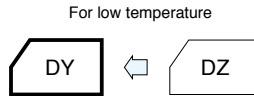
GREEN CAP

70°C

2.5V

For -40°C

- For Low Temperature (-40°C).
- Pollution-Free ; with no pollutants such as Cd or Pb.
- Unlike batteries, excellent charge and discharge characteristics with no chemical reaction.



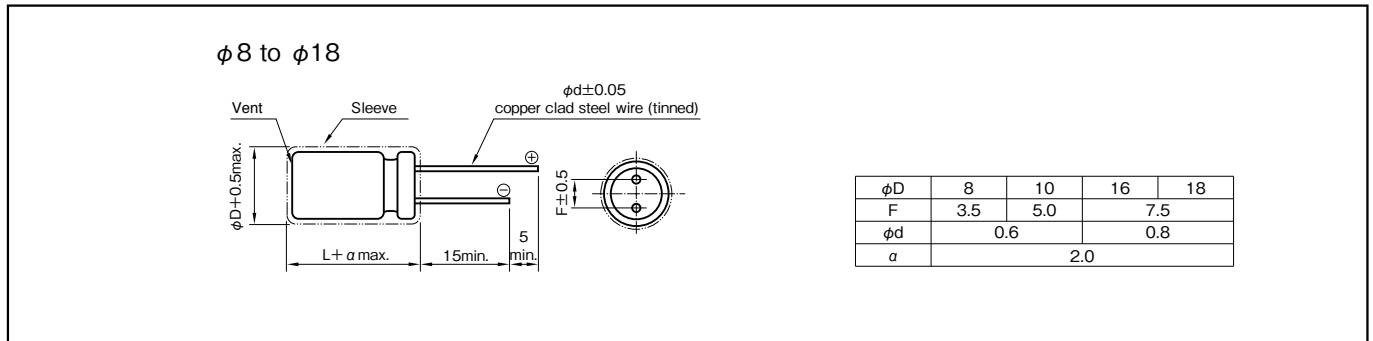
Marking color : White print on a brown sleeve

**Specifications**

Item	Performance	
Category temperature range (°C)	-40 to +70	
Tolerance at rated capacitance (%)	-20 to +80	
Internal resistance at 1 kHz	Refer to the Standard Ratings	
Characteristics at high and low temperature	Percentage of capacitance change	
	Internal resistance	
	Test time	1000 hours
	Percentage of capacitance change	Within ±30% of initial measured value
Endurance (70°C)	Internal resistance	Less than four times of the initial specified value
	Shelf life (70°C)	Test time : 1000 hours ; Same as endurance.
Applicable standards	Conforms to JIS C5160-1 2009 (IEC 62391-1 2006)	

**Outline Drawing**

Unit : mm



Part numbering system (example : 2.5V10F)

DY	—	2R5	D	106	Z6(S)	T	—	□
Series code		Max. operating voltage symbol	Terminal code	Rated capacitance symbol	Casing symbol			Taping (Forming) symbol

Part number is refer to the following table.

**Standard Ratings**

Max. operating voltage (V)	Rated capacitance (F)	Max. Leakage Current (mA) after 24h	ELNA Parts No.	φD × L (mm)	Internal resistance (Ω max.) at 1kHz	Internal resistance (mΩ) at 1kHz (measurement value)
2.5	1	0.1	DY-2R5D105G3T	8 × 12	1	200
2.5	2.7	0.2	DY-2R5D275G5ST	8 × 20	0.5	120
2.5	3.3	0.2	DY-2R5D335H5T	10 × 20	0.3	100
2.5	4.7	0.3	DY-2R5D475H5T	10 × 20	0.2	70
2.5	5.6	0.3	DY-2R5D565H5T	10 × 20	0.2	70
2.5	6.8	0.4	DY-2R5D685H6T	10 × 25	0.2	50
2.5	10	0.5	DY-2R5D106H8T	10 × 35	0.2	35
2.5	10	0.5	DY-2R5D106Z6ST	12.5 × 25	0.2	35
2.5	15	0.7	DY-2R5D156Z8ST	12.5 × 35	0.2	30
2.5	15	0.7	DY-2R5D156J5T	16 × 20	0.2	30
2.5	22	0.8	DY-2R5D226J6T	16 × 25	0.2	25
2.5	33	0.8	DY-2R5D336J8T	16 × 35.5	0.2	25
2.5	40	0.8	DY-2R5D406K9T	18 × 40	0.2	25

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.