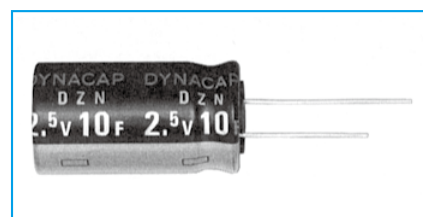
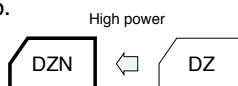


## High Power Type Capacitors

GREEN CAP 70°C Low ESR 2.5V / 2.7V

- Low internal resistance allows boosting charge and heavy-current discharge. (ampere level)
- Pollution-Free ; with no pollutants such as Cd or Pb.
- Unlike batteries, excellent charge and discharge characteristics with no chemical reaction



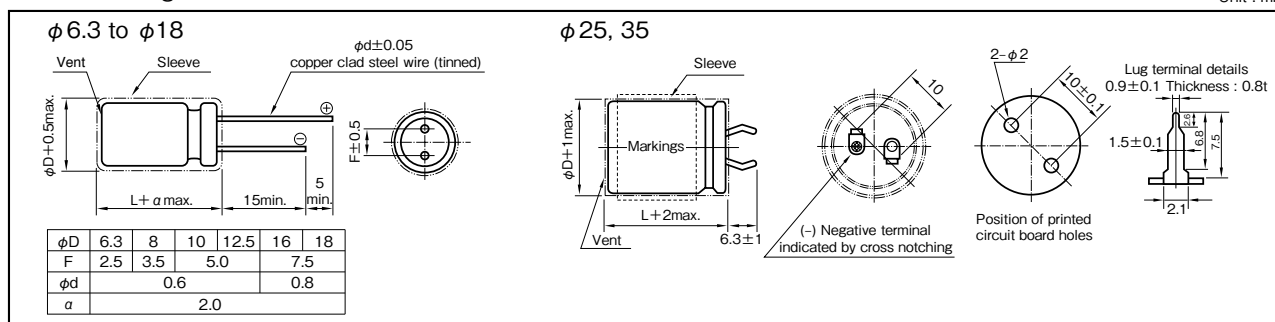
Marking color : White print on a blue sleeve

## Specifications

Item	Performance
Category temperature range (°C)	−25 to +70
Tolerance at rated capacitance (%)	−20 to +80
Internal resistance	Refer to the following page
Characteristics at high and low temperature	Percentage of capacitance change
	Within ±30% of the value at 20°C
	Internal resistance
	Less than five times of the value at 20°C
Endurance (70°C)	Test time
	1000 hours
	Percentage of capacitance change
	Within ±30% of the initial measured value
	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)

DZN	—	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 page.

## Standard Ratings (Series DZN 2.5V)

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 DC resistance (mΩ Max.)
2.5	1	0.1	DZN-2R5D105F4T	6.3 × 14	0.4	1500
2.5	1	0.1	DZN-2R5D105G3T	8 × 12	0.3	1000
2.5	2.7	0.2	DZN-2R5D275G5ST	8 × 20	0.3	500
2.5	3.3	0.2	DZN-2R5D335H5T	10 × 20	0.2	470
2.5	4.7	0.3	DZN-2R5D475H5T	10 × 20	0.1	400
2.5	5.6	0.3	DZN-2R5D565H5T	10 × 20	0.1	350
2.5	6.8	0.4	DZN-2R5D685H6T	10 × 25	0.1	300
2.5	10	0.5	DZN-2R5D106H8T	10 × 35	0.1	200
2.5	10	0.5	DZN-2R5D106Z6ST	12.5 × 25	0.1	200
2.5	15	0.7	DZN-2R5D156Z8ST	12.5 × 35	0.1	150
2.5	15	0.7	DZN-2R5D156J5T	16 × 20	0.1	150
2.5	22	0.8	DZN-2R5D226J6T	16 × 25	0.1	120
2.5	33	0.8	DZN-2R5D336J8T	16 × 35.5	0.1	100
2.5	40	0.8	DZN-2R5D406K9T	18 × 40	0.1	75
2.5	50	1.0	DZN-2R5D506T	25 × 40	0.03	60
2.5	100	1.0	DZN-2R5D107S37T	25 × 50	0.03	50
2.5	200	2.0	DZN-2R5D207S57T	35 × 50	0.03	40

We tailor packaged product in series and parallel arrangements according to voltage and capacitance as required.

## Standard Ratings (Series DZN 2.7V)

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 DC resistance (mΩ Max.)
2.7	1	0.2	DZN-2R7D105F4T	6.3 × 14	0.4	1500
2.7	1	0.2	DZN-2R7D105G3T	8 × 12	0.3	1000
2.7	2.7	0.3	DZN-2R7D275G5ST	8 × 20	0.3	500
2.7	3.3	0.3	DZN-2R7D335H5T	10 × 20	0.2	470
2.7	4.7	0.4	DZN-2R7D475H5T	10 × 20	0.1	400
2.7	5.6	0.4	DZN-2R7D565H5T	10 × 20	0.1	350
2.7	6.8	0.5	DZN-2R7D685H6T	10 × 25	0.1	300
2.7	10	0.6	DZN-2R7D106H8T	10 × 35	0.1	200
2.7	10	0.6	DZN-2R7D106Z6ST	12.5 × 25	0.1	200
2.7	15	0.8	DZN-2R7D156Z8ST	12.5 × 35	0.1	150
2.7	15	0.8	DZN-2R7D156J6T	16 × 25	0.1	150
2.7	22	1.0	DZN-2R7D226J7T	16 × 31.5	0.1	120
2.7	33	1.0	DZN-2R7D336J9T	16 × 40	0.1	100

We tailor packaged product in series and parallel arrangements according to voltage and capacitance as required.