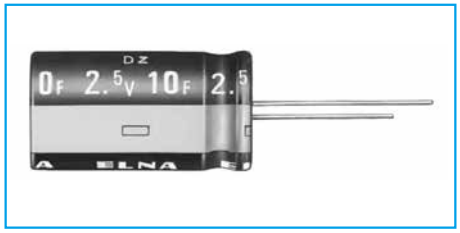
Standard, Large Capacitance Type Capacitors

GREEN CAP | 60°C / 70°C | 2.5V / 2.7V

- Pollution-Free ; with no pollutants such as Cd or Pb.
- Unlike batteries ; excellent charge and discharge characteristics with no chemical reactions

Large capacitance

DZH ⇦ DZ



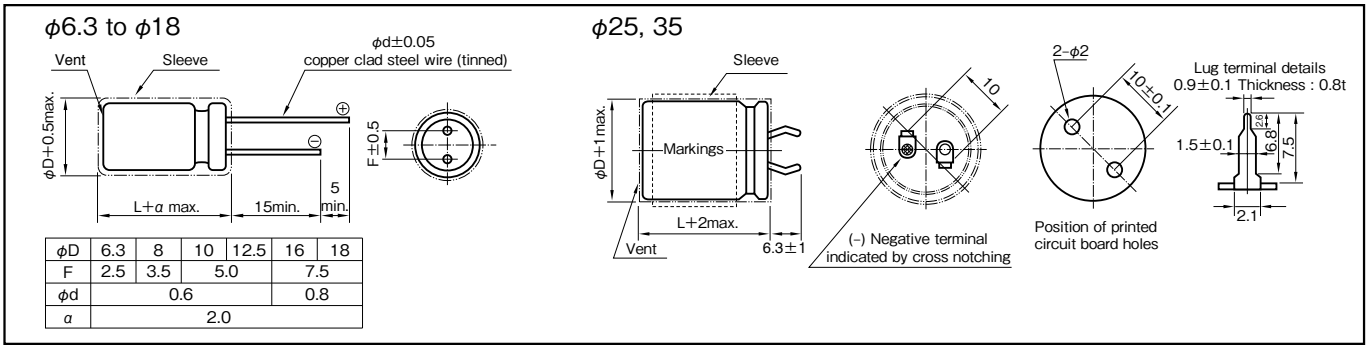
Marking color : White print on a black sleeve

Specifications

Item	Performance	
Series name	Series DZ	Series DZH
Category temperature range (℃)	−25 to +70	−25 to +60
Tolerance at rated capacitance (%)	−20 to +80	−20 to +80
Internal resistance at 1kHz	Refer to the following page	
Characteristics at high and low temperature	Percentage of capacitance change: Within ±30% of the value at 20℃ Internal resistance: Less than five times of the value at 20℃	Percentage of capacitance change: Within ±30% of the value at 20℃ Internal resistance: Less than eight times of the value at 20℃
Endurance	Test temperature: 70℃ 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	Test temperature: 60℃ Test time: 2000 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	Same as endurance	Same as endurance
Applicable standards	Conforms to JIS C5160-1 2009 (IEC 62391-1 2006)	

Outline Drawing

Unit : mm



φD	6.3	8	10	12.5	16	18
F	2.5	3.5	5.0		7.5	
φd	0.6				0.8	
α	2.0					

Part numbering system (example : 2.5V10F)

DZ	—	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.

EDLC

Standard Ratings (Series DZ 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 resistance (mΩ) at 1kHz (measurement value)
2.5	1	0.1	DZ-2R5D105F4T	6.3 × 14	1.0	400
2.5	1	0.1	DZ-2R5D105G3T	8 × 12	1.0	200
2.5	2.7	0.2	DZ-2R5D275G5ST	8 × 20	0.5	150
2.5	3.3	0.2	DZ-2R5D335H5T	10 × 20	0.3	130
2.5	4.7	0.3	DZ-2R5D475H5T	10 × 20	0.2	80
2.5	5.6	0.3	DZ-2R5D565H5T	10 × 20	0.2	70
2.5	6.8	0.4	DZ-2R5D685H6T	10 × 25	0.2	60
2.5	10	0.5	DZ-2R5D106H8T	10 × 35	0.2	40
2.5	10	0.5	DZ-2R5D106Z6ST	12.5 × 25	0.2	40
2.5	15	0.7	DZ-2R5D156Z8ST	12.5 × 35	0.2	35
2.5	15	0.7	DZ-2R5D156J5T	16 × 20	0.2	35
2.5	22	0.8	DZ-2R5D226J6T	16 × 25	0.2	30
2.5	33	0.8	DZ-2R5D336J8T	16 × 35.5	0.2	30
2.5	40	0.8	DZ-2R5D406K9T	18 × 40	0.2	30
2.5	50	1.0	DZ-2R5D506T	25 × 40	0.08	20
2.5	100	1.0	DZ-2R5D107S37T	25 × 50	0.08	15
2.5	200	2.0	DZ-2R5D207S57T	35 × 50	0.08	15

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

Standard Ratings (Series DZ 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 resistance (mΩ) at 1kHz (measurement value)
2.7	1	0.2	DZ-2R7D105F4T	6.3 × 14	1.0	400
2.7	1	0.2	DZ-2R7D105G3T	8 × 12	1.0	200
2.7	2.7	0.3	DZ-2R7D275G5ST	8 × 20	0.5	150
2.7	3.3	0.3	DZ-2R7D335H5T	10 × 20	0.3	130
2.7	4.7	0.4	DZ-2R7D475H5T	10 × 20	0.2	80
2.7	5.6	0.4	DZ-2R7D565H5T	10 × 20	0.2	70
2.7	6.8	0.5	DZ-2R7D685H6T	10 × 25	0.2	60
2.7	10	0.6	DZ-2R7D106H8T	10 × 35	0.2	40
2.7	10	0.6	DZ-2R7D106Z6ST	12.5 × 25	0.2	40
2.7	15	0.8	DZ-2R7D156Z8ST	12.5 × 35	0.2	35
2.7	15	0.8	DZ-2R7D156J6T	16 × 25	0.2	35
2.7	22	1.0	DZ-2R7D226J7T	16 × 31.5	0.2	30
2.7	33	1.0	DZ-2R7D336J9T	16 × 40	0.2	30

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

Standard Ratings (Series DZH 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 resistance (mΩ) at 1kHz (measurement value)
2.5	22	0.8	DZH-2R5D226Z8ST	12.5 × 35	0.2	55
2.5	50	1.0	DZH-2R5D506K9T	18 × 40	0.08	30
2.5	100	2.0	DZH-2R5D107S35T	25 × 40	0.08	20
2.5	300	5.0	DZH-2R5D307S57T	35 × 50	0.08	15

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