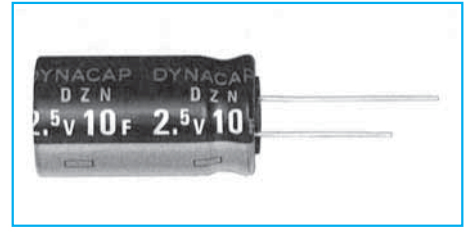
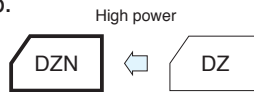


## High power type Capacitors

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



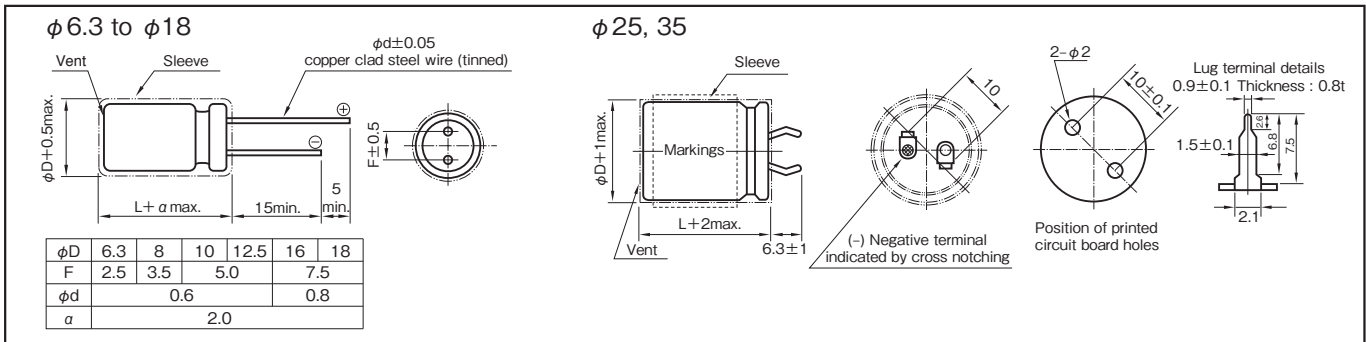
Marking color : White print on a blue sleeve

### Specifications

Item	Performance	
Category temperature range (°C)	-25 to +70	
Tolerance at rated capacitance (%)	-20 to +80	
Internal resistance at 1 kHz	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	(H8)	T
Series code		Rated voltage symbol	Terminal code	Rated capacitance symbol	Casing symbol	

Part number is refer to the following page.

### NOTE

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.

**Standard Ratings (Series DZ 2.5V)**

Max. operating voltage (V)	Rated capacitance (F)	Max. Leakage Current (mA) after 24h	ELNA Parts No.	φ D×L (mm)	Internal resistance (Ω max.) at 1kHz	Internal resistance (mΩ) at 1kHz (measurement value)
2.5	0.7	0.1	DZN-2R5D704G4T	8.0×15.0	0.4	200
2.5	0.9	0.1	DZN-2R5D904F4T	6.3×14.0	0.4	300
2.5	1.0	0.1	DZN-2R5D105G3T	8.0×12.0	0.3	150
2.5	1.0	0.1	DZN-2R5D105G4T	8.0×15.0	0.3	150
2.5	1.0	0.1	DZN-2R5D105T	8.0×22.0	0.3	120
2.5	2.7	0.2	DZN-2R5D275G5T	8.0×22.0	0.3	120
2.5	3.3	0.2	DZN-2R5D335H5T	10.0×20.0	0.2	60
2.5	3.3	0.2	DZN-2R5D335T	12.5×23.0	0.2	60
2.5	4.7	0.3	DZN-2R5D475H5T	10.0×20.0	0.1	70
2.5	4.7	0.3	DZN-2R5D475T	12.5×31.5	0.1	35
2.5	6.8	0.4	DZN-2R5D685H7T	10.0×30.0	0.1	40
2.5	10	0.5	DZN-2R5D106H8T	10.0×35.0	0.1	35
2.5	10	0.5	DZN-2R5D106Z8T	12.5×36.5	0.1	30
2.5	10	0.5	DZN-2R5D106T	18.0×35.0	0.1	25
2.5	15	0.7	DZN-2R5D156J5T	16.0×20.0	0.1	30
2.5	20	0.8	DZN-2R5D206K8T	18.0×35.0	0.1	25
2.5	20	0.8	DZN-2R5D206T	18.0×40.0	0.1	20
2.5	22	0.8	DZN-2R5D226J6T	16.0×25.0	0.1	25
2.5	30	0.8	DZN-2R5D306K9T	18.0×40.0	0.1	25
2.5	33	0.8	DZN-2R5D336J8T	16.0×35.5	0.1	25
2.5	50	1.0	DZN-2R5D506T	25.0×40.0	0.03	15
2.5	100	1.0	DZN-2R5D107S37T	25.0×50.0	0.03	15
2.5	100	1.0	DZN-2R5D107T	35.0×50.0	0.03	8
2.5	200	2.0	DZN-2R5D207S57T	35.0×50.0	0.03	8

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.	φ D×L (mm)	Internal resistance (Ω max.) at 1kHz	Internal resistance (mΩ) at 1kHz (measurement value)
2.7	0.7	0.2	DZN-2R7D704G4T	8.0×15.0	0.4	200
2.7	0.9	0.2	DZN-2R7D904F4T	6.3×14.0	0.4	300
2.7	1.0	0.2	DZN-2R7D105G3T	8.0×12.0	0.3	150
2.7	1.0	0.2	DZN-2R7D105G4T	8.0×15.0	0.3	150
2.7	1.0	0.2	DZN-2R7D105G5T	8.0×22.0	0.3	120
2.7	2.7	0.3	DZN-2R7D275G5T	8.0×22.0	0.3	120
2.7	3.3	0.3	DZN-2R7D335H5T	10.0×20.0	0.2	90
2.7	3.3	0.3	DZN-2R7D335Z6T	12.5×23.0	0.2	60
2.7	4.7	0.4	DZN-2R7D475H5T	10.0×20.0	0.1	70
2.7	4.7	0.4	DZN-2R7D475Z7T	12.5×31.5	0.1	35
2.7	6.8	0.5	DZN-2R7D685H7T	10.0×30.0	0.1	40
2.7	10	0.6	DZN-2R7D106H8T	10.0×35.0	0.1	35
2.7	10	0.6	DZN-2R7D106Z8T	12.5×36.5	0.1	30
2.7	10	0.6	DZN-2R7D106K8T	18.0×35.0	0.1	25
2.7	15	0.8	DZN-2R7D156J6T	16.0×25.0	0.1	40
2.7	20	1.0	DZN-2R7D206K8T	18.0×35.0	0.1	25
2.7	20	1.0	DZN-2R7D206K9T	18.0×40.0	0.1	25
2.7	22	1.0	DZN-2R7D226J7T	16.0×31.5	0.1	25
2.7	30	1.0	DZN-2R7D306K9T	18.0×40.0	0.1	25
2.7	33	1.0	DZN-2R7D336J9T	16.0×40.0	0.1	25

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