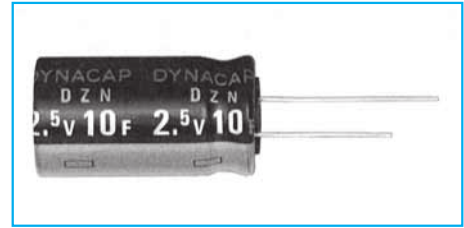
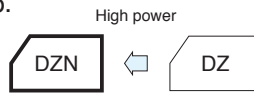


High power type Capacitors

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

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

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. | φD×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. | φD×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.