

High Energy type Capacitors Series DZ

- Low internal resistance allows boosting charge and heavy-current discharge. (ampere level)
- Pollution-Free; with no pollutants such as Cd or Pb.
- Unlimited number of charges and discharges.



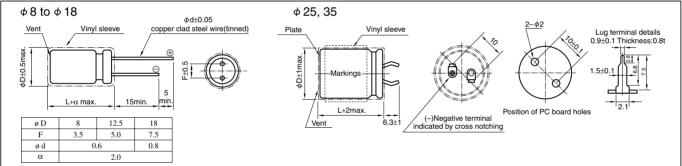


Marking color: White print on a black sleeve

Specifications

Item	Performance									
Category temperature range (°C)	-25 to +70									
Tolerance at rated capacitance (%)	-20 to +80									
Internal resistance	Rated Capacitance (F) 1.0 3.3 4.7 10 20 50 100 200									
at 1 kHz	Internal resistance (Ω) 1.0 0.3 0.2 0.2 0.2 0.08 0.08 0.08									
Characteristics at high and low temperature	Percentage of capacitance change Within ±30% of 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 Within four times of the initial specified value									
Shelf life (70°C)	Test time:1000 hours; Same as endurance.									

Outline Drawing Unit: mm



Standard Ratings

Max. operating voltage(V)	Rated capacitance(F)	Max. Leakage Current(mA) after 24h	ELNA Parts No.	ø DxL(mm)	Internal resistance(mΩ) at 1kHz (measurement value)
2.5	1.0	0.1	DZ-2R5D105	8.0x22.0	200
2.5	3.3	0.2	DZ-2R5D335	12.5x23.0	70
2.5	4.7	0.3	DZ-2R5D475	12.5x31.5	50
2.5	10	0.5	DZ-2R5D106	18.0x35.0	30
2.5	20	0.8	DZ-2R5D206	18.0x40.0	30
2.5	50	1.0	DZ-2R5D506	25.0x40.0	20
2.5	100	1.0	DZ-2R5D107	35.0x50.0	20
2.5	200	2.0	DZ-2R5D207S57	35.0x50.0	20

- * Internal resistance are not guaranteed values, but measurement value.
- * We tailor packaged product in series and parallel arrangements according to voltage and capacitance as required.

Part nur	nbering systen	ı (ex	ample: 2.5	V10)F)	
Environmental item	DZ Series code	. –	2R5 Rated voltage symbol	D	106 Rated capacitance symbol	Т
Former item	DZ Series code	. —	2R5 Rated voltage symbol	D	106 Rated capacitance symbol	