

Snap Mount Type Aluminum Electrolytic Capacitor

ZR2 series useful life 105°C-5,000hours Conform RoHS

Upgrade!

[Update information]

Added the 500WV and Case size $\Phi 30\text{mm}\sim\Phi 35\text{mm} \times \text{L}30\text{mm}\sim 60\text{mm}$ to ZR2 series which released in 2025



Features

- ◇ Adding a new 500V lineup from conventional ZR2 series
- ◇ Using new heat dissipation structure with the vent located on the side of case
- ◇ Developed highly reliable new electrolyte

Product Specifications

Items	Specifications
Temperature range	-25~+105°C
Rated voltage	400, 450, 500V.DC
Capacitance tolerance	±20% (20°C, 120Hz)
Dissipation factor	Max. 0.20 (20°C, 120Hz)
Leakage current	0.02CV (µA) or 3mA, whichever is smaller or less (20°C, after 5 minutes) [C = nominal capacitance (µF), V = rated voltage (V)]
Endurance	After the rated voltage with specified ripple current is applied at 105°C for 3,000 hours : Capacitance change : Within ±20% of the initial value measured Dissipation factor : 200% or less than the initial value specified Leakage current : Less than or equal to the initial value specified

Standard Products Table

Rated Voltage (V. DC)	Capacitance (µF)	Case size $\phi D \times L$ (mm)	Ripple current (Arms) 105°C, 120Hz	Rated Voltage (V. DC)	Capacitance (µF)	Case size $\phi D \times L$ (mm)	Ripple current (Arms) 105°C, 120Hz
500	150	30 × 30	1.60	500	330	30 × 60	2.86
		30 × 35	1.84			35 × 41	2.41
	30 × 40	1.92	35 × 46			2.71	
	220	30 × 45	2.20	390	35 × 51	3.07	
		35 × 31	1.81		470	35 × 61	3.52
	270	30 × 50	2.50				
		35 × 36	2.10				

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