

Snap Mount Type Aluminum Electrolytic Capacitor

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

Upgrade!

[Update information]

Added the Case size Φ30mm~Φ35mm×L60mm~100mm and Φ40 to ZR2 series which released in 2022



Features

- ◇ Increased allowable ripple current by 15% from conventional ZR series
- ◇ Using new heat dissipation structure with the vent located on the side of case
- ◇ Developed highly reliable new electrolyte and used special anode foil

Product Specifications

Items	Specifications
Temperature range	-25~+105°C
Rated voltage	400, 450V.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 3000 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

定格電圧 (V. DC)	静電容量 (μF)	ケースサイズ φ D×L (mm)	リップル電流 (Arms) 105°C, 120Hz
400	220	30×30	2.14
		30×35	2.46
	330	30×40	2.81
		35×31	2.79
	390	30×45	3.14
		35×36	3.16
	470	30×50	3.52
		35×41	3.57
		40×30	3.36
	560	30×55	3.91
		35×46	3.99
		40×40	3.89
680	30×75	30×75	4.49
		35×51	4.49
	40×45	40×45	4.38

定格電圧 (V. DC)	静電容量 (μF)	ケースサイズ φ D×L (mm)	リップル電流 (Arms) 105°C, 120Hz
450	180	30×30	1.87
		30×35	2.15
	270	30×40	2.42
		35×31	2.38
	330	30×45	2.72
		35×36	2.74
		40×30	2.65
	390	30×50	3.02
		35×41	3.07
	470	30×60	3.42
		35×46	3.45
		40×40	3.36
560	30×75	30×75	3.84
		35×51	3.84
	40×45	40×45	3.74

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