

# Snap Mount Type Aluminum Electrolytic Capacitor

**CU series** Useful life 105°C-4,000hours Conform RoHS

**Upgrade!**



**[Update information]** Added around 20% larger capacitance products to the lineup.

## Features

- ◇ The side vent allows a cooling device (such as a heat sink) to be installed at the bottom of the product, resulting in higher ripple.

## Product Specifications

Items	Specifications
Temperature range	-25~+105°C
Rated voltage	400 ~ 500V.DC
Capacitance tolerance	±20% (20°C, 120Hz)
Dissipation factor	Max. 0.20 (20°C, 120Hz)
Leakage current	0.02CV (µA) or 5mA, 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 2,000 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

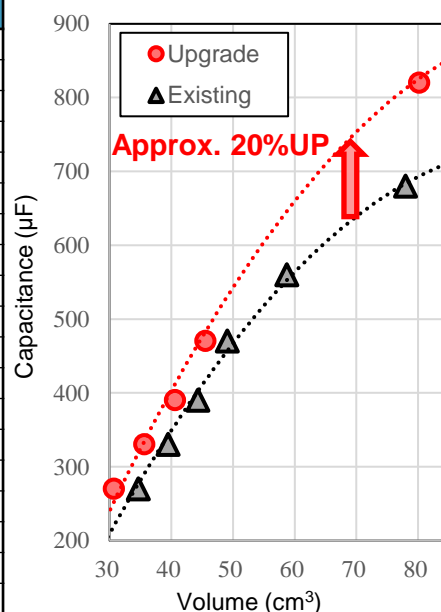
## Standard Products Table

Upgraded products are marked with "\*\*\*".

Rated Voltage (V.DC)	Capacitance (µF)	Case size φD×L (mm)	Ripple current (Arms) 105°C, 120Hz
400	220	30×30	1.57
		30×35	1.79
	270	35×31	1.85
		30×40	2.03
	330	35×31*	2.04
		35×36	2.10
	390	30×50	2.28
		35×36*	2.28
	470	35×41	2.33
		30×60	2.57
	560	35×41*	2.56
		35×46	2.61
	680	35×46*	2.84
		35×51	2.89
	820	40×40	2.64
		35×51*	3.18
1,000	35×61	3.25	
	40×45	2.95	
1,200	35×61*	3.57	
	35×81	3.62	
	40×61	3.35	
	35×81*	4.00	
	40×83	4.08	

Rated Voltage (V.DC)	Capacitance (µF)	Case size φD×L (mm)	Ripple current (Arms) 105°C, 120Hz
450	150	30×30	1.30
		30×35	1.46
	220	30×40	1.66
		35×31	1.67
	270	35×31*	1.85
		35×36	1.90
	330	30×50	2.10
		35×36*	2.10
	390	35×41	2.15
		30×60	2.34
	470	35×41*	2.33
		35×46	2.37
	560	35×46*	2.61
		35×51	2.64
	680	40×40	2.42
		35×61	2.95
820	40×45	2.68	
	35×81	3.30	
1,000	40×50	2.98	
	35×81*	3.62	
	40×83	3.72	

**[ Rated voltage : 450V.DC ]**



\*Products made with "\*" in the standard products table : φD±1.5, L±2.5

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