

Snap Mount Type Aluminum Electrolytic Capacitor

ZL series 450V Useful life 105°C-5,000hours Conform RoHS

Upgrade!



[Update information] Added to the ZL series 450V product lineup a new product with around 25% larger capacitance than the existing lineup.

Features

- ◇ The ZL series is the miniaturization products of 5,000 hours.

Product Specifications

Items	Specifications
Temperature range	-25~+105°C
Rated voltage	450V.DC
Surge voltage	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 : 300% or less than the initial value specified Leakage current : Less than or equal to the initial value specified

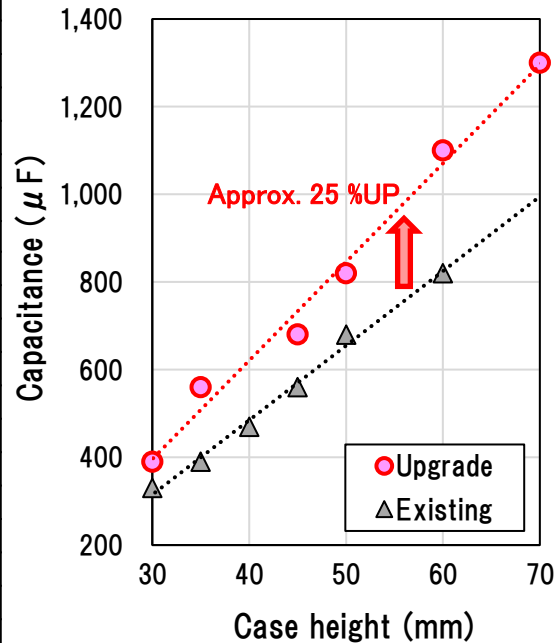
Standard Products Table (Upgrade products)

Rated Voltage (V. DC)	Capacitance (µF)	Case size* φD × L (mm)	Ripple current (Arms) 105°C, 120Hz	Product name
450	220	22 × 30	0.99	ZL2W221MCXS3WPEC
		22 × 35	1.15	ZL2W271MCXS4WPEC
	270	25 × 30	1.15	ZL2W271MCYS3WPEC
		22 × 40	1.33	ZL2W331MCXS5WPEC
330	330	25 × 35	1.33	ZL2W331MCYS4WPEC
		22 × 50	1.55	ZL2W391MCXS7WPEC
390	390	25 × 40	1.50	ZL2W391MCYS5WPEC
		30 × 30	1.45	ZL2W391MCZS3WPEC
		25 × 45	1.71	ZL2W471MCYS6WPEC
470	470	25 × 50	1.93	ZL2W561MCYS7WPEC
		30 × 35	1.81	ZL2W561MCZS4WPEC
		35 × 30	1.79	ZL2W561MCAS3WPEC
560	560	25 × 60	2.24	ZL2W681MCYS9WPEC
		30 × 45	2.15	ZL2W681MCZS6WPEC
		35 × 35	2.06	ZL2W681MCAS4WPEC
680	680	30 × 50	2.44	ZL2W821MCZS7WPEC
		35 × 40	2.35	ZL2W821MCAS5WPEC
1,000	1,000	35 × 45	2.68	ZL2W102MCAS6WPEC
1,100	1,100	30 × 60	2.97	ZL2W112MCZS9WPEC
1,300	1,300	30 × 70	3.29	ZL2W132MCZS11WPEC

*Upgrade products case size : φD±1.5, L±2.5

Contact Us <https://www.aictech-inc.com>

【Capacitance comparison (φ30)】



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