

Snap Mount Type Aluminum Electrolytic Capacitor

ZL series 475V Useful life 105°C-5,000hours Conform RoHS

Upgrade!



【Update information】 Added to the ZL series 475V product lineup a new product with around 40% 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	475V.DC
Surge voltage	525V.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

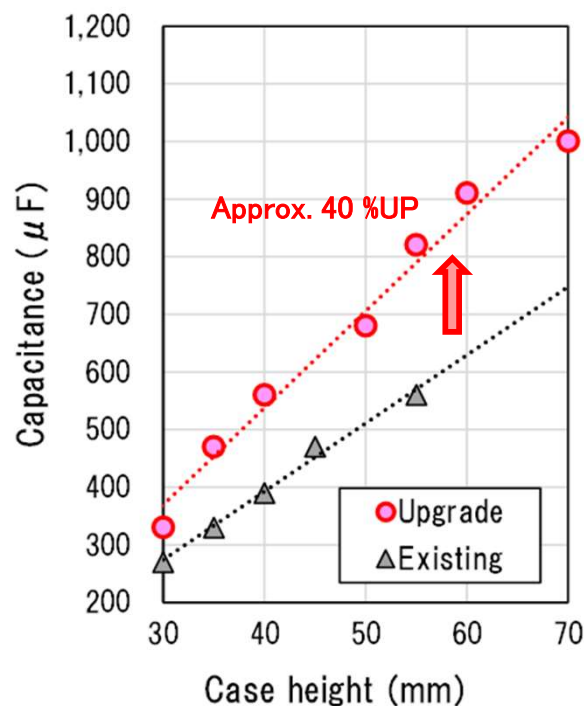
Standard Products Table (Upgrade products)

Rated Voltage (V. DC)	Capacitance (μF)	Case size* φD × L (mm)	Ripple current (Arms) 105°C, 120Hz	Product name
475	180	22 × 30	0.90	ZL475V181MCXS3WPEC
	220	22 × 35	1.04	ZL475V221MCXS4WPEC
		25 × 30	1.04	ZL475V221MCYS3WPEC
	270	22 × 40	1.20	ZL475V271MCXS5WPEC
		25 × 35	1.20	ZL475V271MCYS4WPEC
	330	22 × 50	1.42	ZL475V331MCXS7WPEC
		25 × 40	1.38	ZL475V331MCYS5WPEC
		30 × 30	1.33	ZL475V331MCZS3WPEC
	390	22 × 55	1.59	ZL475V391MCXS8WPEC
		25 × 45	1.56	ZL475V391MCYS6WPEC
	470	25 × 50	1.77	ZL475V471MCYS7WPEC
		30 × 35	1.66	ZL475V471MCZS4WPEC
		35 × 30	1.54	ZL475V471MCAS3WPEC
	560	25 × 60	2.03	ZL475V561MCYS9WPEC
		30 × 40	1.89	ZL475V561MCZS5WPEC
		35 × 35	1.75	ZL475V561MCAS4WPEC
	680	30 × 50	2.22	ZL475V681MCZS7WPEC
		35 × 40	2.01	ZL475V681MCAS5WPEC
	820	30 × 55	2.51	ZL475V821MCZS8WPEC
		35 × 45	2.28	ZL475V821MCAS6WPEC
	910	30 × 60	2.70	ZL475V911MCZS9WPEC
	1000	30 × 70	2.89	ZL475V102MCZS11WPEC
		35 × 55	2.66	ZL475V102MCAS8WPEC

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

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

【Capacitance comparison (φ 30)】



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