

Snap Mount Type Aluminum Electrolytic Capacitor

ZL series 475V – Miniaturization products



Features

UPGRADE!

- ◇ Miniaturized product guaranteed at 105 °C for 3,000 hours
- ◇ Rated voltage 475 WV.DC product added
- ◇ Conform RoHS

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 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

Rated Voltage (WV. DC)	Capacitance (µF)	Case size φD × L (mm)	Ripple current (Arms) 105°C, 120Hz	Product name
475	180	25 × 30	1.02	ZL475V181MCYS3WPEC
		30 × 25	1.04	ZL475V181MCZS2WPEC
	270	25 × 40	1.36	ZL475V271MCYS5WPEC
		30 × 30	1.31	ZL475V271MCZS3WPEC
		35 × 25	1.28	ZL475V271MCAS2WPEC
	330	25 × 50	1.61	ZL475V331MCYS7WPEC
		35 × 30	1.49	ZL475V331MCAS3WPEC
	390	25 × 55*	1.80	ZL475V391MCYS8WPEC
		30 × 40	1.71	ZL475V391MCZS5WPEC
	470	30 × 45	1.94	ZL475V471MCZS6WPEC
	560	30 × 55*	2.25	ZL475V561MCZS8WPEC
		35 × 40	2.11	ZL475V561MCAS5WPEC
	680	35 × 50	2.48	ZL475V681MCAS7WPEC

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

*When this capacitor is mounted on printed circuit board, reinforce it with any mounting adhesives.

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