

Snap Mount Type Aluminum Electrolytic Capacitor

UW series —Miniaturization products



Features

NEW!

- ◇ Useful life time for 2,000 hours at 105 °C
- ◇ Rated voltage 450 WV.DC product
- ◇ Conform RoHS

Product Specifications

Items	Specifications
Temperature range	-10~+105°C
Rated voltage	450V.DC
Surge voltage	500V.DC
Capacitance tolerance	± 20% (20°C, 120Hz)
Dissipation factor	Max. 0.35 (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 1,500 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
450	210	25 × 25	0.57	UW2W211MCYS2WPEC
	280	25 × 30	0.70	UW2W281MCYS3WPEC
	530	25 × 50	1.19	UW2W531MCYS7WPEC
	590	25 × 55*	1.31	UW2W591MCYS8WPEC
	650	25 × 60*	1.43	UW2W651MCYS9WPEC
	320	30 × 25	0.71	UW2W321MCZS2WPEC
	410	30 × 30	0.86	UW2W411MCZS3WPEC
	790	30 × 50	1.26	UW2W791MCZS7WPEC
	880	30 × 55*	1.32	UW2W881MCZS8WPEC
	980	30 × 60*	1.38	UW2W981MCZS9WPEC
	1050	30 × 65*	1.41	UW2W1050UFMCZS10WPEC
1150	30 × 70*	1.46	UW2W1150UFMCZS11WPEC	

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

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

Tokyo Sales Office

TOWA Akihabara Building 7F, 1-8, Akihabara, Taito-ku, Tokyo 110-0006, Japan

TEL : 81-3-6384-0371 FAX : 81-3-6384-0372

Kansai Satellite Office

Third Doi Building 6F, 1-8-24, Nishimiyahara, Yodogawa-ku, Osaka-shi, Osaka, 532-0004

TEL. 090-3813-7174

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AIC tech Inc.