Snap Mount Type Aluminum Electrolytic Capacitor

HUC series 450V Useful life 105℃-4,000hours Conform RoHS

NEW!

Features

◇ Approx. 30% higher capacitance than the conventional compact type HU series (guaranteed for 2,000 hours at 105°C), reaching maximum capacitance of 1,840 μ F.

◇ Incorporates newly developed highly reliable electrolyte and special high-capacitance anode foil for enhanced performance.

◇ Ideal for server power supply applications requiring high capacitance and superior reliability.

Product Specifications

Items	Specifications
Temperature range	-25～+105°C
Rated voltage	450V.DC
Capacitance tolerance	±20%　　　(20°C、120Hz)
Dissipation factor	Max. 0.30　　(20°C、120Hz)
Leakage current	0.02CV (μ A) or 3mA, whichever is smaller or less (20°C, after 5 minutes)　[C = nominal capacitance (μ F), 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 : 300% or less than the initial value specified　Leakage current : Less than or equal to the initial value specified

Main product lineup

◇ Rated voltage：450V.DC

◇ Product size：Φ22×50L～Φ35×80L mm

◇ Capacitance：450 ～ 1,840 μ F

※Please contact us if you have any questions about the capacitance with above dimensions.

Rated voltage (V. DC)	Case size* ϕ D×L (mm)	Capacitance (μ F)	Ripple current (Arms) 105°C,120Hz
450	30×60	1,100	2.77
	30×70	1,320	3.10
	35×60	1,450	3.26
	35×70	1,620	3.51

*Product case size : ϕ D±1.5, L±2.5

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

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