

Snap Mount Type Aluminum Electrolytic Capacitor

HU series 450V Useful life 105°C-4,000hours Conform RoHS

Upgrade!



[Update information] Added to the HU series 450V product lineup a new product with around 20% larger capacitance than the existing lineup.

Features

- ◇ The HU series is the miniaturization products of 4,000 hours.

Product Specifications

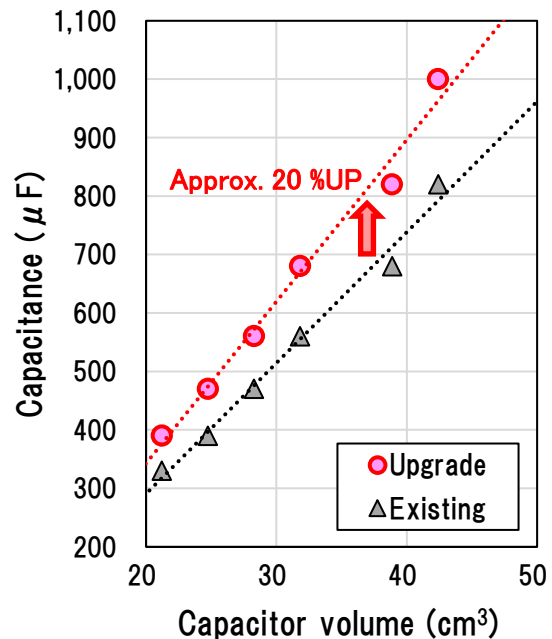
Items	Specifications
Temperature range	-25~+105°C
Rated voltage	450V.DC
Surge voltage	500V.DC
Capacitance tolerance	±20% (20°C、120Hz)
Dissipation factor	Max. 0.20 (20°C、120Hz)
Leakage current	0.02CV (µA) or 3mA, whichever is smaller or less (20°C, after 5 minutes) [C = nominal capacitance (µF), V = rated voltage (V)]
Endurance	After the rated voltage with specified ripple current is applied at 105°C for 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

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	270	25 × 30	1.15	HU2W271MCYS3WPEEC	
		22 × 45	1.38	HU2W331MCXS6WPEEC	
	330	330	25 × 35	1.33	HU2W331MCYS4WPEEC
			22 × 50	1.55	HU2W391MCXS7WPEEC
		390	25 × 40	1.50	HU2W391MCYS5WPEEC
	30 × 30		1.45	HU2W391MCZS3WPEEC	
	470	470	25 × 45	1.71	HU2W471MCYS6WPEEC
			30 × 35	1.66	HU2W471MCZS4WPEEC
	560	560	25 × 55	1.98	HU2W561MCYS8WPEEC
			30 × 40	1.89	HU2W561MCZS5WPEEC
		35 × 30	1.79	HU2W561MCAS3WPEEC	
	680	680	30 × 45	2.15	HU2W681MCZS6WPEEC
			35 × 35	2.06	HU2W681MCAS4WPEEC
	820	820	30 × 55	2.51	HU2W821MCZS8WPEEC
			35 × 40	2.35	HU2W821MCAS5WPEEC
	1,000	1,000	30 × 60	2.83	HU2W102MCZS9WPEEC
35 × 50			2.76	HU2W102MCAS7WPEEC	

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

【Capacitance comparison (φ30)】



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