

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 25% larger capacitance than the existing lineup.

Features

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

Product Specifications

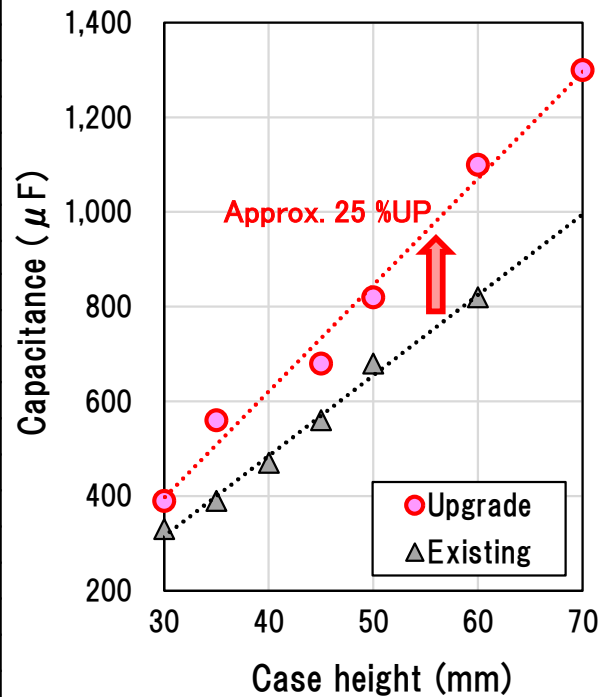
Items	Specifications
Temperature range	-25~+105°C
Rated voltage	450V.DC
Surge voltage	500V.DC
Capacitance tolerance	± 20% (20°C、120Hz)
Dissipation factor	Max. 0.20 (20°C、120Hz)
Leakage current	0.02CV (µA) or 3mA, whichever is smaller or less (20°C, after 5 minutes) [C = nominal capacitance (µF), V = 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	220	22 × 30	0.99	HU2W221MCXS3WPEC
		22 × 35	1.15	HU2W271MCXS4WPEC
	270	25 × 30	1.15	HU2W271MCYS3WPEC
		22 × 40	1.33	HU2W331MCXS5WPEC
	330	25 × 35	1.33	HU2W331MCYS4WPEC
		22 × 50	1.55	HU2W391MCXS7WPEC
	390	25 × 40	1.50	HU2W391MCYS5WPEC
		30 × 30	1.45	HU2W391MCZS3WPEC
	470	25 × 45	1.71	HU2W471MCYS6WPEC
	560	25 × 50	1.93	HU2W561MCYS7WPEC
		30 × 35	1.81	HU2W561MCZS4WPEC
		35 × 30	1.79	HU2W561MCAS3WPEC
	680	25 × 60	2.24	HU2W681MCYS9WPEC
		30 × 45	2.15	HU2W681MCZS6WPEC
		35 × 35	2.06	HU2W681MCAS4WPEC
	820	30 × 50	2.44	HU2W821MCZS7WPEC
35 × 40		2.35	HU2W821MCAS5WPEC	
1,000	35 × 45	2.68	HU2W102MCAS6WPEC	
1,100	30 × 60	2.97	HU2W112MCZS9WPEC	
1,300	30 × 70	3.29	HU2W132MCZS11WPEC	

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

【Capacitance comparison (φ 30)】



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