

RADIAL TYPE ALUMINUM ELECTROLYTIC CAPACITORS

HU Series

Useful of 4,000 hours at 105°C (Warranty of 2,000 hours at 105°C)

- Conform RoHS

Features

- The HU type is the radial type products of 2000 hours.



Product Specifications

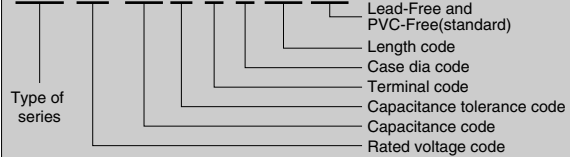
Items	Specifications
Temperature range	-25°C ~ +105°C
Rated voltage	400 ~ 450V.DC
Capacitance tolerance	±20% (20°C, 120Hz)
Leakage current	Not more than 0.03CV+10(μA) (20°C, after 5 minutes) [C = nominal capacitance(μF), V = rated voltage(V)]
Dissipation factor	Less than the value specified in the standard products table.(20°C, 120Hz)
Permissible ripple current	As specified in the standard products table. (105°C, 120Hz)
Endurance	After 105°C, 2000 h, rated voltage with specified ripple current application Capacitance change : Within ±20% of initial value Dissipation factor : Not more than 200% of initial value specified Leakage current : Not more than initial value specified
Others	JIS C 5101-4.

Ripple current correction coefficient

Frequency (Hz)	50/60	120	1k	10k	100k
Correction coefficient	0.8	1.0	1.4	1.4	1.4

Product code : (Example) HU series 450V 68μF ±20%

HU 2W 680 M L U 35 EC



Standard Products Table

Rated Voltage (V. DC)	Capacitance (μF)	Case size øDXL (mm)	tanδ 20°C, 120Hz	Ripple current 105°C, 120Hz (Arms)	ESR(typ.) 20°C, 100Hz (mΩ)	Product name
400	100	16×35	0.20	0.58	960	HU2G101MLU35EC
	120	16×40	0.20	0.67	800	HU2G121MLU40EC
	120	18×35	0.20	0.67	800	HU2G121MLV35EC
	150	18×40	0.20	0.77	640	HU2G151MLV40EC
	180	18×45	0.20	0.88	540	HU2G181MLV45EC
420	220	18×51	0.20	1.00	440	HU2G221MLV51EC
	68	16×30	0.20	0.51	1500	HU420V680MLU30EC
	82	16×35	0.20	0.57	1250	HU420V820MLU35EC
	100	18×35	0.20	0.61	1020	HU420V101MLV35EC
	120	18×35	0.20	0.69	850	HU420V121MLV35EC
450	150	18×45	0.20	0.79	680	HU420V151MLV45EC
	56	16×30	0.20	0.44	1820	HU2W560MLU30EC
	68	16×35	0.20	0.50	1500	HU2W680MLU35EC
	82	16×40	0.20	0.55	1250	HU2W820MLU40EC
	82	18×30	0.20	0.55	1250	HU2W820MLV30EC
	100	18×35	0.20	0.65	1020	HU2W101MLV35EC
	120	18×40	0.20	0.74	850	HU2W121MLV40EC
150	18×51	0.20	0.81	680	HU2W151MLV51EC	