UPGRADE!

HU Series

Useful of 4,000 hours at 105°C

Miniaturization



• Conform RoHS

Features

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

HU3 P.90 → Small-size
HU4, HU5 → Small-size
HU
→ Long-life
ZL P.104

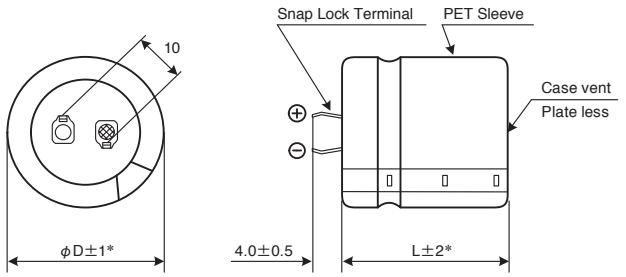
Product Specifications

Items	Specifications
Temperature range	−40 ～ +105℃ (200, 250V.DC) −25 ～ +105℃ (400 ～ 550V.DC)
Rated voltage	200 ～ 550V.DC
Capacitance tolerance	±20% (20℃, 120Hz)
Leakage current	0.02CV (μA) or 3mA, whichever is smaller or less (20℃, after 5 minutes) [C = nominal capacitance (μF), V = rated voltage (V)]
Dissipation factor	Less than the value specified in the standard products table. (20℃, 120Hz)
Permissible ripple current	As specified in the standard products table. (105℃, 120Hz)
Endurance	After the rated voltage with specified ripple current is applied at 105℃ for 2000 hours : Capacitance change : Within ±20% of the initial value measured Dissipation factor : 200% or less than the initial value specified (Products marked with "★" in the standard products table : 300% or less than the initial value specified) Leakage current : Less than or equal to the initial value specified
Shelf life	The following specification shall be meet when the capacitor are restored to 20℃ after storage of 500 hours at 105℃ with no voltage applied. Before the measurement, the capacitor shall be preconditioned by applying the voltage treatment according to Item 4.1 of JIS C 5101-4. Capacitance change : Within ±15% of the initial value measured Dissipation factor : 175% or less than the initial value specified Leakage current : Less than or equal to the initial value specified
Others	JIS C 5101-4

Dimensions

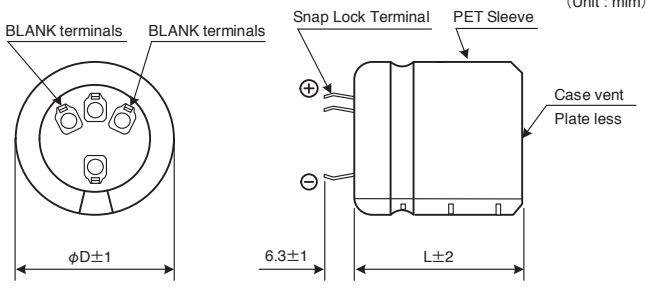
2-claw short terminal (Terminal code : C)

(Unit : mim)



4-claw terminal (Terminal code : S)

(Unit : mim)



＊Products marked with "*" in the standard products table : φD±1.5, L±2.5
(For details of product specifications please request specification sheet.)

Ripple current correction coefficient

Temperature (℃)		60	70	85	105	
Correction coefficient	200～500V.DC	1.9	1.7	1.4	1.0	
	550V.DC	1.7	1.5	1.3	1.0	
Frequency (Hz)		50/60	120	300	1K	≧10K
Correction coefficient		0.7	1.0	1.1	1.3	1.4

Terminal permissible current is limited to 10Arms. (Even if calculated the permissible ripple current with the correction coefficient exceeds 10Arms)
Please consult us when the ripple voltage exceeds 70Vp-p.

Product code

(Example) HU Series 400V 330μF ±20%

HU 2G 331 M C A S2 WP EC

- EC — Environmental code
- WP — Plate code
- S2 — Case height code
- A — Case dia code
- C — Terminal code
- M — Capacitance tolerance code
- 331 — Capacitance code
- 2G — Rated voltage code
- HU — Type of series

Refer to page 84-85 for other terminal shape available on request.

HU Series

Standard Products Table

Rated Voltage (V. DC)	Capacitance (μF)	Case size φD×L (mm)	tanδ 20℃, 120Hz	Ripple current (Arms) 105℃, 120Hz	ESR (typ.) (mΩ) 20℃, 100Hz	Product name
200	330	22×25	0.15	1.07	330	HU2D331MCXS2WPEC
	390	22×30	0.15	1.24	280	HU2D391MCXS3WPEC
	470	25×25	0.15	1.31	240	HU2D471MCYS2WPEC
	560	22×35	0.15	1.58	200	HU2D561MCXS4WPEC
		25×30	0.15	1.52	200	HU2D561MCYS3WPEC
	680	22×40	0.15	1.83	160	HU2D681MCXS5WPEC
		25×35	0.15	1.77	160	HU2D681MCYS4WPEC
		30×25	0.15	1.60	160	HU2D681MCZS2WPEC
	820	22×50	0.15	2.20	140	HU2D821MCXS7WPEC
		25×40	0.15	2.05	140	HU2D821MCYS5WPEC
		30×30	0.15	1.86	140	HU2D821MCZS3WPEC
		35×25	0.15	1.52	140	HU2D821MCAS2WPEC
	1,000	25×45	0.15	2.37	110	HU2D102MCYS6WPEC
		30×35	0.15	2.17	110	HU2D102MCZS4WPEC
	1,200	25×50	0.15	2.70	100	HU2D122MCYS7WPEC
		30×40	0.15	2.49	100	HU2D122MCZS5WPEC
		35×30	0.15	1.94	100	HU2D122MCAS3WPEC
	1,500	30×45	0.15	2.91	80	HU2D152MCZS6WPEC
		35×35	0.15	2.29	80	HU2D152MCAS4WPEC
	1,800	30×50	0.15	3.32	70	HU2D182MCZS7WPEC
		35×40	0.15	2.62	70	HU2D182MCAS5WPEC
	2,200	35×45	0.15	3.02	50	HU2D222MCAS6WPEC
250	220	22×25	0.15	0.95	440	HU2E221MCXS2WPEC
	330	22×30	0.15	1.24	290	HU2E331MCXS3WPEC
		25×25	0.15	1.19	290	HU2E331MCYS2WPEC
	390	22×35	0.15	1.42	250	HU2E391MCXS4WPEC
		25×30	0.15	1.37	250	HU2E391MCYS3WPEC
	470	22×40	0.15	1.65	210	HU2E471MCXS5WPEC
		30×25	0.15	1.42	210	HU2E471MCZS2WPEC
	560	22×45	0.15	1.88	180	HU2E561MCXS6WPEC
		25×35	0.15	1.74	180	HU2E561MCYS4WPEC
	680	25×45	0.15	2.11	150	HU2E681MCYS6WPEC
		30×30	0.15	1.82	150	HU2E681MCZS3WPEC
		35×25	0.15	1.52	150	HU2E681MCAS2WPEC
	820	25×50	0.15	2.41	120	HU2E821MCYS7WPEC
		30×35	0.15	2.10	120	HU2E821MCZS4WPEC
		35×30	0.15	1.76	120	HU2E821MCAS3WPEC
	1,000	30×40	0.15	2.43	100	HU2E102MCZS5WPEC
		35×35	0.15	2.04	100	HU2E102MCAS4WPEC
	1,200	30×50	0.15	2.89	80	HU2E122MCZS7WPEC
		35×40	0.15	2.34	80	HU2E122MCAS5WPEC
	1,500	35×45	0.15	2.73	70	HU2E152MCAS6WPEC
	1,800	35×50	0.15	3.11	60	HU2E182MCAS7WPEC

Rated Voltage (V. DC)	Capacitance (μF)	Case size φD×L (mm)	tanδ 20℃, 120Hz	Ripple current (Arms) 105℃, 120Hz	ESR (typ.) (mΩ) 20℃, 100Hz	Product name
400	120	22×25	0.20	0.77	800	HU2G121MCXS2WPEC
	150	22×25*	0.20	0.87	640	HU2G151MCXS2WPEC
	180	22×30*	0.20	1.01	540	HU2G181MCXS3WPEC
		25×25	0.20	0.99	540	HU2G181MCYS2WPEC
	220	22×30*	0.20	1.11	440	HU2G221MCXS3WPEC
		22×35	0.20	1.17	440	HU2G221MCXS4WPEC
		25×25*	0.20	1.10	440	HU2G221MCYS2WPEC
		25×30	0.20	1.16	440	HU2G221MCYS3WPEC
	270	22×35*	0.20	1.29	360	HU2G271MCXS4WPEC
		25×30*	0.20	1.28	360	HU2G271MCYS3WPEC
		25×35	0.20	1.35	360	HU2G271MCYS4WPEC
		30×25	0.20	1.28	360	HU2G271MCZS2WPEC
	330	22×45*	0.20	1.54	290	HU2G331MCXS6WPEC
		22×50	0.20	1.59	290	HU2G331MCXS7WPEC
		25×35*	0.20	1.49	290	HU2G331MCYS4WPEC
		25×40	0.20	1.55	290	HU2G331MCYS5WPEC
		30×25*	0.20	1.41	290	HU2G331MCZS2WPEC
		30×30	0.20	1.49	290	HU2G331MCZS3WPEC
		35×25	0.20	1.46	290	HU2G331MCAS2WPEC
	390	22×50*	0.20	1.73	250	HU2G391MCXS7WPEC
		25×40*	0.20	1.68	250	HU2G391MCYS5WPEC
		25×45	0.20	1.74	250	HU2G391MCYS6WPEC
		30×30*	0.20	1.62	250	HU2G391MCZS3WPEC
		30×35	0.20	1.70	250	HU2G391MCZS4WPEC
		35×25*	0.20	1.59	250	HU2G391MCAS2WPEC
	470	25×45*	0.20	1.92	210	HU2G471MCYS6WPEC
		25×50*	0.20	1.98	210	HU2G471MCYS7WPEC
		30×35*	0.20	1.86	210	HU2G471MCZS4WPEC
		30×40	0.20	1.94	210	HU2G471MCZS5WPEC
		35×30	0.20	1.84	210	HU2G471MCAS3WPEC
	560	25×50*	0.20	2.16	180	HU2G561MCYS7WPEC
		30×40*	0.20	2.11	180	HU2G561MCZS5WPEC
		30×45	0.20	2.19	180	HU2G561MCZS6WPEC
		35×30*	0.20	2.01	180	HU2G561MCAS3WPEC
		35×35	0.20	2.09	180	HU2G561MCAS4WPEC
	680	25×60*	0.20	2.51	150	HU2G681MCYS9WPEC
		30×45*	0.20	2.41	150	HU2G681MCZS6WPEC
		30×50	0.20	2.48	150	HU2G681MCZS7WPEC
		35×35*	0.20	2.31	150	HU2G681MCAS4WPEC
		35×40	0.20	2.40	150	HU2G681MCAS5WPEC
	820	30×50*	0.20	2.65	120	HU2G821MCZS7WPEC
		35×40*	0.20	2.63	120	HU2G821MCAS5WPEC
		35×45	0.20	2.72	120	HU2G821MCAS6WPEC
	1,000	30×60*	0.20	3.17	100	HU2G102MCZS9WPEC
		35×50*	0.20	3.09	100	HU2G102MCAS7WPEC
	1,200	35×55*	0.20	3.38	80	HU2G122MCAS8WPEC
	1,500	35×100	0.20	3.93	70	HU2G152MSAS17WPEC
		40×76	0.20	3.99	70	HU2G152MSBS12WPEC
	1,800	40×101	0.20	4.47	60	HU2G182MSBS17WPEC

Standard Products Table

Rated Voltage (V. DC)	Capacitance (μF)	Case size φD×L (mm)	tanδ 20℃, 120Hz	Ripple current (Arms) 105℃, 120Hz	ESR (typ.) (mΩ) 20℃, 100Hz	Product name
420	120	22×25	0.20	0.77	850	HU420V121MCXS2WPEC
	150	22×25*	0.20	0.87	680	HU420V151MCXS2WPEC
		22×30	0.20	0.92	680	HU420V151MCXS3WPEC
		25×25	0.20	0.90	680	HU420V151MCYS2WPEC
	180	22×30*	0.20	1.01	570	HU420V181MCXS3WPEC
		22×35	0.20	1.05	570	HU420V181MCXS4WPEC
		25×25*	0.20	0.99	570	HU420V181MCYS2WPEC
	220	22×35*	0.20	1.17	470	HU420V221MCXS4WPEC
		22×40	0.20	1.22	470	HU420V221MCXS5WPEC
		25×30*	0.20	1.16	470	HU420V221MCYS3WPEC
		30×25	0.20	1.15	470	HU420V221MCZS2WPEC
	270	22×40*	0.20	1.35	380	HU420V271MCXS5WPEC
		22×45	0.20	1.40	380	HU420V271MCXS6WPEC
		25×30*	0.20	1.25	380	HU420V271MCYS3WPEC
		25×35*	0.20	1.35	380	HU420V271MCYS4WPEC
		30×25*	0.20	1.28	380	HU420V271MCZS2WPEC
	330	22×45*	0.20	1.54	310	HU420V331MCXS6WPEC
		25×35*	0.20	1.45	310	HU420V331MCYS4WPEC
		30×30*	0.20	1.49	310	HU420V331MCZS3WPEC
	390	25×40*	0.20	1.64	270	HU420V391MCYS5WPEC
		30×30*	0.20	1.62	270	HU420V391MCZS3WPEC
		30×35	0.20	1.70	270	HU420V391MCZS4WPEC
		35×25*	0.20	1.59	270	HU420V391MCAS2WPEC
		35×30	0.20	1.67	270	HU420V391MCAS3WPEC
	470	25×50*	0.20	1.98	220	HU420V471MCYS7WPEC
		30×35*	0.20	1.86	220	HU420V471MCZS4WPEC
		30×40	0.20	1.94	220	HU420V471MCZS5WPEC
		35×30*	0.20	1.84	220	HU420V471MCAS3WPEC
		35×35	0.20	1.92	220	HU420V471MCAS4WPEC
	560	25×55*	0.20	2.16	190	HU420V561MCYS8WPEC
		30×40*	0.20	2.11	190	HU420V561MCZS5WPEC
		35×35*	0.20	2.09	190	HU420V561MCAS4WPEC
		35×40	0.20	2.18	190	HU420V561MCAS5WPEC
	680	30×50*	0.20	2.48	150	HU420V681MCZS7WPEC
		35×40*	0.20	2.40	150	HU420V681MCAS5WPEC
		35×45	0.20	2.48	150	HU420V681MCAS6WPEC
	820	30×55*	0.20	2.81	130	HU420V821MCZS8WPEC
		35×45*	0.20	2.72	130	HU420V821MCAS6WPEC
		35×50	0.20	2.80	130	HU420V821MCAS7WPEC
	1,000	35×55*	0.20	3.18	110	HU420V102MCAS8WPEC
		35×60	0.20	3.25	110	HU420V102MCAS9WPEC
		40×56	0.20	3.30	110	HU420V102MSBS8WPEC
	1,200	35×100	0.20	3.51	90	HU420V122MSAS17WPEC
		40×76	0.20	3.57	90	HU420V122MSBS12WPEC
	1,500	40×101	0.20	4.07	70	HU420V152MSBS17WPEC
450	120	22×25*	0.20	0.77	850	HU2W121MCXS2WPEC
	150	22×30*	0.20	0.92	680	HU2W151MCXS3WPEC
		25×25	0.20	0.90	680	HU2W151MCYS2WPEC
	180	22×30*	0.20	1.01	570	HU2W181MCXS3WPEC
		22×35	0.20	1.05	570	HU2W181MCXS4WPEC
		25×25*	0.20	0.99	570	HU2W181MCYS2WPEC
		25×30	0.20	1.05	570	HU2W181MCYS3WPEC
	220	22×30*	0.20	0.96	807	HU2W221MCXS3WPEC ★
		22×35*	0.20	1.17	470	HU2W221MCXS4WPEC
		25×30*	0.20	1.16	470	HU2W221MCYS3WPEC
		25×35	0.20	1.21	470	HU2W221MCYS4WPEC
		30×25	0.20	1.15	470	HU2W221MCZS2WPEC
	270	22×35*	0.20	1.11	657	HU2W271MCXS4WPEC ★
		22×40*	0.20	1.31	380	HU2W271MCXS5WPEC
		25×30*	0.20	1.11	657	HU2W271MCYS3WPEC ★
		25×35*	0.20	1.35	380	HU2W271MCYS4WPEC
		25×40	0.20	1.40	380	HU2W271MCYS5WPEC
		30×25*	0.20	1.28	380	HU2W271MCZS2WPEC
		30×30	0.20	1.35	380	HU2W271MCZS3WPEC
		35×25	0.20	1.32	380	HU2W271MCAS2WPEC
450	330	22×40*	0.20	1.28	538	HU2W331MCXS5WPEC ★
		22×45*	0.20	1.33	538	HU2W331MCXS6WPEC ★
		22×50*	0.20	1.59	310	HU2W331MCXS7WPEC
		25×35*	0.20	1.28	538	HU2W331MCYS4WPEC ★
		25×40*	0.20	1.55	310	HU2W331MCYS5WPEC
		25×45	0.20	1.61	310	HU2W331MCYS6WPEC
		30×30*	0.20	1.49	310	HU2W331MCZS3WPEC
		35×25*	0.20	1.46	310	HU2W331MCAS2WPEC
	390	22×50*	0.20	1.49	455	HU2W391MCXS7WPEC ★
		25×40*	0.20	1.45	455	HU2W391MCYS5WPEC ★
		25×45*	0.20	1.74	270	HU2W391MCYS6WPEC
		25×50*	0.20	1.80	270	HU2W391MCYS7WPEC
		30×30*	0.20	1.40	455	HU2W391MCZS3WPEC ★
		30×35*	0.20	1.70	270	HU2W391MCZS4WPEC
		35×30	0.20	1.67	270	HU2W391MCAS3WPEC
	470	25×45*	0.20	1.65	378	HU2W471MCYS6WPEC ★
		25×50*	0.20	1.92	220	HU2W471MCYS7WPEC
		30×35*	0.20	1.61	378	HU2W471MCZS4WPEC ★
		30×40*	0.20	1.94	220	HU2W471MCZS5WPEC
		35×30*	0.20	1.84	220	HU2W471MCAS3WPEC
		35×35	0.20	1.92	220	HU2W471MCAS4WPEC
	560	25×50*	0.20	1.86	317	HU2W561MCYS7WPEC ★
		25×55*	0.20	1.91	317	HU2W561MCYS8WPEC ★
		25×60*	0.20	2.27	190	HU2W561MCYS9WPEC
		30×35*	0.20	1.75	317	HU2W561MCZS4WPEC ★
		30×40*	0.20	1.82	317	HU2W561MCZS5WPEC ★
		30×45*	0.20	2.19	190	HU2W561MCZS6WPEC
		30×50	0.20	2.25	190	HU2W561MCZS7WPEC
		35×30*	0.20	1.73	317	HU2W561MCAS3WPEC ★
		35×35*	0.20	2.09	190	HU2W561MCAS4WPEC
		35×40	0.20	2.18	190	HU2W561MCAS5WPEC
	680	25×60*	0.20	2.16	261	HU2W681MCYS9WPEC ★
		30×45*	0.20	2.08	261	HU2W681MCZS6WPEC ★
		30×50*	0.20	2.48	150	HU2W681MCZS7WPEC
		35×35*	0.20	1.99	261	HU2W681MCAS4WPEC ★
		35×40*	0.20	2.40	150	HU2W681MCAS5WPEC
		35×45	0.20	2.48	150	HU2W681MCAS6WPEC
	820	30×50*	0.20	2.35	216	HU2W821MCZS7WPEC ★
		30×55*	0.20	2.42	216	HU2W821MCZS8WPEC ★
		30×60*	0.20	2.87	130	HU2W821MCZS9WPEC
		35×40*	0.20	2.27	216	HU2W821MCAS5WPEC ★
		35×45*	0.20	2.64	130	HU2W821MCAS6WPEC
		35×50	0.20	2.80	130	HU2W821MCAS7WPEC
	1,000	30×60*	0.20	2.73	177	HU2W102MCZS9WPEC ★
		35×45*	0.20	2.59	177	HU2W102MCAS6WPEC ★
		35×50*	0.20	2.67	177	HU2W102MCAS7WPEC ★
		35×55*	0.20	3.18	110	HU2W102MCAS8WPEC
	1,100	30×60*	0.20	2.87	161	HU2W112MCZS9WPEC ★
	1,200	35×100	0.20	3.51	90	HU2W122MSAS17WPEC
		40×76	0.20	3.57	90	HU2W122MSBS12WPEC
	1,300	30×70*	0.20	3.18	137	HU2W132MCZS11WPEC ★
	1,500	30×95*	0.20	3.51	118	HU2W152MCZS16WPEC ★
		35×75*	0.20	3.52	118	HU2W152MCAS12WPEC ★
		40×101	0.20	4.07	70	HU2W152MSBS17WPEC
	1,600	30×100*	0.20	3.63	111	HU2W162MCZS17WPEC ★
	1,800	35×85*	0.20	3.92	99	HU2W182MCAS14WPEC ★
	2,100	35×100*	0.20	4.25	85	HU2W212MCAS17WPEC ★

HU Series

Standard Products Table

Rated Voltage (V. DC)	Capacitance (μF)	Case size φD×L (mm)	tanδ 20℃, 120Hz	Ripple current (Arms) 105℃, 120Hz	ESR (typ.) (mΩ) 20℃, 100Hz	Product name
475	82	22×25	0.20	0.64	1,170	HU475V820MCXS2WPEC
	100	22×25*	0.20	0.69	960	HU475V101MCXS2WPEC
		22×30	0.20	0.75	960	HU475V101MCXS3WPEC
		25×25	0.20	0.74	960	HU475V101MCYS2WPEC
	120	22×30*	0.20	0.82	800	HU475V121MCXS3WPEC
		22×35	0.20	0.86	800	HU475V121MCXS4WPEC
		25×25	0.20	0.81	800	HU475V121MCYS2WPEC
	150	22×35*	0.20	0.96	640	HU475V151MCXS4WPEC
		25×30	0.20	0.96	640	HU475V151MCYS3WPEC
		30×25	0.20	0.95	640	HU475V151MCZS2WPEC
	180	22×30*	0.20	0.90	924	HU475V181MCXS3WPEC ★
		22×40*	0.20	1.07	540	HU475V181MCXS5WPEC
		22×45	0.20	1.14	540	HU475V181MCXS6WPEC
		25×30*	0.20	1.02	540	HU475V181MCYS3WPEC
		25×35	0.20	1.10	540	HU475V181MCYS4WPEC
		30×25	0.20	1.04	540	HU475V181MCZS2WPEC
		30×30	0.20	1.10	540	HU475V181MCZS3WPEC
		35×25	0.20	1.01	540	HU475V181MCAS2WPEC
	220	22×35*	0.20	1.04	756	HU475V221MCXS4WPEC ★
		22×45*	0.20	1.22	440	HU475V221MCXS6WPEC
		22×50	0.20	1.30	440	HU475V221MCXS7WPEC
		25×30*	0.20	1.04	756	HU475V221MCYS3WPEC ★
		25×35*	0.20	1.18	440	HU475V221MCYS4WPEC
		25×40	0.20	1.27	440	HU475V221MCYS5WPEC
		30×30	0.20	1.22	440	HU475V221MCZS3WPEC
		35×25	0.20	1.12	440	HU475V221MCAS2WPEC
	270	22×40*	0.20	1.20	616	HU475V271MCXS5WPEC ★
		25×35*	0.20	1.20	616	HU475V271MCYS4WPEC ★
		25×40*	0.20	1.36	360	HU475V271MCYS5WPEC
		25×45	0.20	1.45	360	HU475V271MCYS6WPEC
		30×30*	0.20	1.31	360	HU475V271MCZS3WPEC
		30×35	0.20	1.41	360	HU475V271MCZS4WPEC
		35×25*	0.20	1.28	360	HU475V271MCAS2WPEC
		35×30	0.20	1.31	360	HU475V271MCAS3WPEC
	330	22×50*	0.20	1.42	504	HU475V331MCXS7WPEC ★
		25×40*	0.20	1.38	504	HU475V331MCYS5WPEC ★
		25×50*	0.20	1.61	290	HU475V331MCYS7WPEC
		25×55	0.20	1.71	290	HU475V331MCYS8WPEC
		30×30*	0.20	1.33	504	HU475V331MCZS3WPEC ★
		30×35*	0.20	1.51	290	HU475V331MCZS4WPEC
		30×40	0.20	1.62	290	HU475V331MCZS5WPEC
		35×30*	0.20	1.49	290	HU475V331MCAS3WPEC
		35×35	0.20	1.51	290	HU475V331MCAS4WPEC
	390	22×55*	0.20	1.59	426	HU475V391MCXS8WPEC ★
		25×45*	0.20	1.56	426	HU475V391MCYS6WPEC ★
		25×55*	0.20	1.80	250	HU475V391MCYS8WPEC
		30×40*	0.20	1.71	250	HU475V391MCZS5WPEC
		30×45	0.20	1.82	250	HU475V391MCZS6WPEC
		35×35	0.20	1.64	250	HU475V391MCAS4WPEC
	470	25×50*	0.20	1.77	354	HU475V471MCYS7WPEC ★
		30×35*	0.20	1.66	354	HU475V471MCZS4WPEC ★
		30×45*	0.20	1.94	210	HU475V471MCZS6WPEC
		30×50	0.20	2.06	210	HU475V471MCZS7WPEC
		35×30*	0.20	1.54	354	HU475V471MCAS3WPEC ★
		35×35*	0.20	1.86	210	HU475V471MCAS4WPEC
		35×40	0.20	1.87	210	HU475V471MCAS5WPEC
	560	25×60*	0.20	2.03	297	HU475V561MCYS9WPEC ★
		30×40*	0.20	1.89	297	HU475V561MCZS5WPEC ★
		30×55*	0.20	2.25	180	HU475V561MCZS8WPEC
		30×60	0.20	2.37	180	HU475V561MCZS9WPEC
		35×35*	0.20	1.75	297	HU475V561MCAS4WPEC ★
		35×40*	0.20	2.11	180	HU475V561MCAS5WPEC
		35×45	0.20	2.11	180	HU475V561MCAS6WPEC
	680	30×50*	0.20	2.22	245	HU475V681MCZS7WPEC ★
		35×40*	0.20	2.01	245	HU475V681MCAS5WPEC ★
		35×50*	0.20	2.48	150	HU475V681MCAS7WPEC
		35×55	0.20	2.45	150	HU475V681MCAS8WPEC
475	820	30×55*	0.20	2.51	203	HU475V821MCZS8WPEC ★
		35×45*	0.20	2.28	203	HU475V821MCAS6WPEC ★
		35×55*	0.20	2.80	120	HU475V821MCAS8WPEC
	910	30×60*	0.20	2.70	183	HU475V911MCZS9WPEC ★
	1,000	30×70*	0.20	2.89	166	HU475V102MCZS11WPEC ★
		35×55*	0.20	2.66	166	HU475V102MCAS8WPEC ★
	1,200	30×90*	0.20	3.23	139	HU475V122MCZS15WPEC ★
		35×65*	0.20	3.02	139	HU475V122MCAS10WPEC ★
	1,400	30×100*	0.20	3.51	119	HU475V142MCZS17WPEC ★
	1,500	35×80*	0.20	3.45	111	HU475V152MCAS13WPEC ★
	1,900	35×100*	0.20	3.92	88	HU475V192MCAS17WPEC ★
500	82	22×25*	0.20	0.50	1,170	HU2H820MCXS2WPEC
		22×30	0.20	0.53	1,170	HU2H820MCXS3WPEC
	100	22×30*	0.20	0.59	960	HU2H101MCXS3WPEC
		25×25	0.20	0.61	960	HU2H101MCYS2WPEC
	120	22×35	0.20	0.69	800	HU2H121MCXS4WPEC
		25×30	0.20	0.71	800	HU2H121MCYS3WPEC
	150	22×40*	0.20	0.82	640	HU2H151MCXS5WPEC
		22×45	0.20	0.85	640	HU2H151MCXS6WPEC
		25×35	0.20	0.84	640	HU2H151MCYS4WPEC
		30×25	0.20	0.85	640	HU2H151MCZS2WPEC
	180	22×45*	0.20	0.94	540	HU2H181MCXS6WPEC
		22×50	0.20	0.97	540	HU2H181MCXS7WPEC
		25×35*	0.20	0.94	540	HU2H181MCYS4WPEC
		25×40	0.20	0.98	540	HU2H181MCYS5WPEC
		30×30	0.20	0.99	540	HU2H181MCZS3WPEC
		35×25	0.20	1.04	540	HU2H181MCAS2WPEC
	220	25×45	0.20	1.13	440	HU2H221MCYS6WPEC
		30×30*	0.20	1.11	440	HU2H221MCZS3WPEC
		30×35	0.20	1.17	440	HU2H221MCZS4WPEC
		35×25*	0.20	1.16	440	HU2H221MCAS2WPEC
		35×30	0.20	1.22	440	HU2H221MCAS3WPEC
	270	25×50*	0.20	1.31	360	HU2H271MCYS7WPEC
		30×35*	0.20	1.31	360	HU2H271MCZS4WPEC
		30×40	0.20	1.36	360	HU2H271MCZS5WPEC
		35×30*	0.20	1.37	360	HU2H271MCAS3WPEC
	330	30×45	0.20	1.58	290	HU2H331MCZS6WPEC
		35×35	0.20	1.61	290	HU2H331MCAS4WPEC
	390	30×50*	0.20	1.79	250	HU2H391MCZS7WPEC
		30×55	0.20	1.84	250	HU2H391MCZS8WPEC
		35×40	0.20	1.84	250	HU2H391MCAS5WPEC
	470	30×60*	0.20	2.10	210	HU2H471MCZS9WPEC
		35×45*	0.20	2.12	210	HU2H471MCAS6WPEC
		35×50	0.20	2.18	210	HU2H471MCAS7WPEC
	560	35×50*	0.20	2.40	180	HU2H561MCAS7WPEC
		35×55	0.20	2.47	180	HU2H561MCAS8WPEC
	680	35×60*	0.20	2.83	150	HU2H681MCAS9WPEC
550	82	30×25	0.25	0.59	2,920	HU2L820MCZS2WPEC
	120	30×30	0.25	0.77	1,990	HU2L121MCZS3WPEC
		35×25	0.25	0.80	1,990	HU2L121MCAS2WPEC
	150	30×35	0.25	0.91	1,600	HU2L151MCZS4WPEC
		35×30	0.25	0.96	1,600	HU2L151MCAS3WPEC
	180	30×40	0.25	1.05	1,330	HU2L181MCZS5WPEC
		35×35	0.25	1.11	1,330	HU2L181MCAS4WPEC
	220	30×50	0.25	1.26	1,090	HU2L221MCZS7WPEC
		35×40	0.25	1.29	1,090	HU2L221MCAS5WPEC
	270	35×45	0.25	1.50	890	HU2L271MCAS6WPEC
	330	35×50	0.25	1.73	730	HU2L331MCAS7WPEC
	390	35×60	0.25	2.00	620	HU2L391MCAS9WPEC

Life time graph

Useful life depending on ambient temperature Ta and ripple current operating conditions Ⅰ versus rated ripple current at 105℃, 120Hz

