

HC Series

Standard (solvent proof)

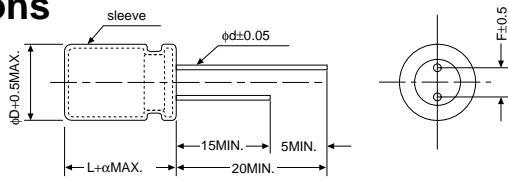
HC series is standard size.
Solvent proof (within 5 minutes).



Specifications

Items	Specifications								
Rated voltage (V)	6.3	10	16	25	35	50	63	100	
Operating temperature (°C)	-40 to +85								
Capacitance tolerance (%)	±20 (120Hz)								
Tangent of loss angle (tan δ)(MAX.)	0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.10	
	0.02 to be added to the above value every time nominal capacitance exceeds 1000μF. (120Hz)								
Leakage current (L.C.)(μA/after 2min.)(MAX.)	The greater value of either 0.01CV or 3								
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	5	4	3	2	2	2	2	2
	Z _{-40°C} /Z _{20°C}	12	10	8	6	4	4	4	4
High-temperature load 85°C 2000hrs. rated voltage applied	ΔC/C	Within ±25% of the initial value							
	tan δ	≤ Twice the initial standard							
	L.C.	≤ The initial standard							
Other characteristics	Conform to IEC 384-4								

Dimensions



α : L<20 α=1.5 L≥20 α=2.0
A pressure relief vent is attached to products over φD=8

(unit : mm)

φD	5	6.3	8	10	12.5	16	18
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8

Size List

(φD×Lmm)

μF \ V	6.3	10	16	25	35	50	63	100
0.10						5×11	1.0	5×11
0.22						5×11	2.5	5×11
0.33						5×11	4.0	5×11
0.47						5×11	5.0	5×11
1.0						5×11	10	5×11
2.2						5×11	20	5×11
3.3						5×11	28	5×11
4.7				5×11	25	5×11	38	5×11
10			5×11	28	5×11	40	5×11	45
22		5×11	38	5×11	50	5×11	75	5×11
33	5×11	50	5×11	58	5×11	60	5×11	90
47	5×11	60	5×11	70	5×11	85	5×11	90
100	5×11	120	5×11	125	5×11	165	6.3×11	180
220	5×11	210	5×11	210	6.3×11	260	8×11.5	320
330	6.3×11	260	6.3×11	295	8×11.5	360	8×11.5	380
470	6.3×11	330	6.3×11	330	8×11.5	380	10×12.5	540
1000	8×11.5	420	10×12.5	620	10×16	740	10×20	940
2200	10×16	890	10×20	1000	12.5×20	1150	12.5×25	1350
3300	10×20	1080	12.5×20	1300	12.5×25	1500	16×25	1600
4700	12.5×20	1400	12.5×25	1550	16×25	1750	16×31.5	1900
6800	12.5×25	1600	16×25	1800	16×31.5	1900	18×35.5	2000
10000	16×25	1750	16×31.5	1900	18×35.5	2000		
15000	16×35.5	1900	18×35.5	2000				
22000	18×41	2000						

Case size ; φD×L (mm)
Maximum permissible ripple current ; (mA r.m.s) at 120Hz, 85°C
Model No. 25MV220HC

Case size Ripple current

└─ 220μF, nominal capacitance
└─ 25V, rated voltage