

FA Series

FA series is guaranteed 105°C.

105°C 3000hrs. Products

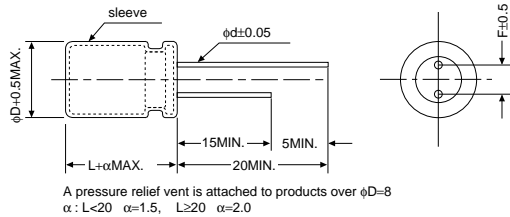


Specifications

Items		Specifications							
Rated voltage (V)		6.3	10	16	25	35	50	63	100
Operating temperature (°C)		-40 to +105							
Capacitance tolerance (%)		±20 (120Hz)							
Tangent of loss angle (tan δ) (MAX.)		0.24	0.20	0.16	0.14	0.12	0.10	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}	4	3	2	2	2	2	2	2
	Z _{-40°C} /Z _{20°C}	10	8	6	4	4	4	4	4
High-temperature load rated voltage applied	Test	105°C 3000hrs. (φD≤8, 1000hrs. φD=10, 2000hrs.)							
	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							

Ripple current is shown on page 49.

Dimensions



(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		5×11
0.22						5×11		5×11
0.33						5×11		5×11
0.47						5×11	5×11	5×11
1.0						5×11	5×11	5×11
2.2						5×11	5×11	5×11
3.3						5×11	5×11	5×11
4.7				5×11	5×11	5×11	5×11	5×11
10			5×11	5×11	5×11	5×11	5×11	6.3×11
22		5×11	5×11	5×11	5×11	5×11	6.3×11	8×11.5
33	5×11	5×11	5×11	5×11	5×11	6.3×11	6.3×11	10×12.5
47	5×11	5×11	5×11	5×11	6.3×11	6.3×11	8×11.5	10×16
100	5×11	5×11	6.3×11	6.3×11	8×11.5	8×12.5	10×12.5	12.5×20
220	6.3×11	6.3×11	8×11.5	8×12.5	10×12.5	10×16	10×20	16×25
330	6.3×11	8×11.5	8×12.5	10×12.5	10×16	10×20	12.5×20	16×25
470	8×11.5	8×12.5	10×12.5	10×16	10×20	12.5×20	12.5×25	16×30
1000	10×12.5	10×16	10×20	12.5×20	12.5×25	16×25	16×30	
2200	12.5×20	12.5×20	12.5×25	16×25	16×30	18×35.5		
3300	12.5×20	12.5×25	16×25	16×30	18×35.5			
4700	16×21	16×25	16×30	18×35.5				
6800	16×25	16×30	18×35.5					
10000	16×30	18×35.5						

Model No. 50MV220FA
 — 220μF, nominal capacitance
 — 50V, rated voltage